

Report to the 121st Maine Legislature

Status of Licensed Discharges

Joint Standing Committee on Natural Resources

Senator John L. Martin, Chair

Representative Theodore Koffman, Chair

Prepared by the:

Department of Environmental Protection

Bureau of Land and Water Quality

March 22, 2004



Introduction

38 M.R.S.A. § 464.3(C) requires that, “The commissioner shall report annually to each regular session of the legislature on the status of licensed discharges.”

Included in this report is summary information on licensed discharges in terms of their type, licensing, compliance, environmental performance, and enforcement status.

Licensed discharges are from sources such as Publicly Owned Treatment Works (POTWs), and commercial and industrial dischargers (Non-POTWs). For the purposes of this report these dischargers are referred to as point source dischargers.

Licensed discharges are also from sources such as small commercial and residential overboard dischargers (OBDs). Point source dischargers and OBDs are managed by separate programs within the Department. The status of point source dischargers and OBDs are summarized separately in this report.

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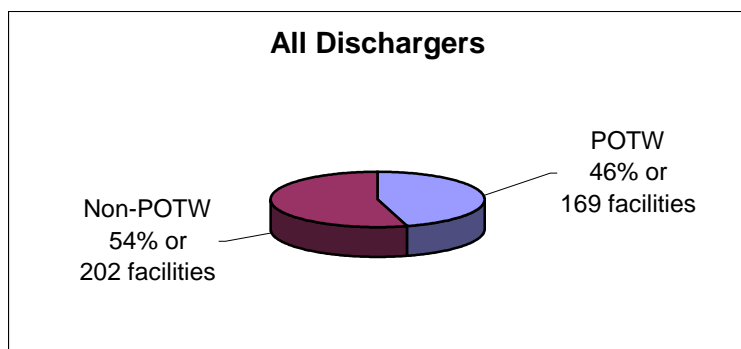
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Summary of Point Source Discharges by Type

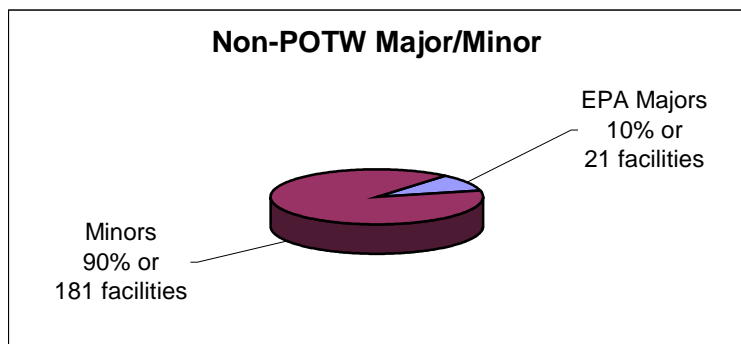
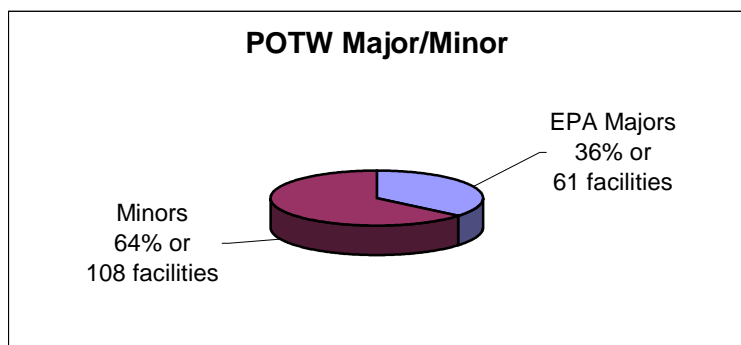
As of December 31, 2003, there were 371 licensed point source discharges in the State of Maine.

The following charts provide information on a variety of aspects for these discharges.

In addition, Appendices A and B list all of the discharges by category and location and provide other select information about the dischargers.

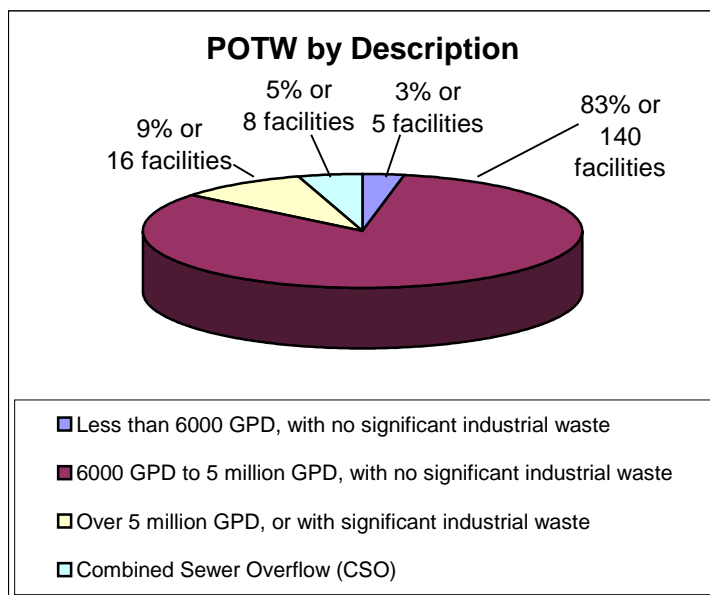


Dischargers are categorized as Publicly Owned Treatment Works (POTWs) or Non POTWs. POTWs are municipal or quasimunicipal wastewater treatment facilities that treat residential, commercial and industrial wastewater. Non POTWs comprise a variety of municipal, commercial, or industrial dischargers as indicated on page 2.

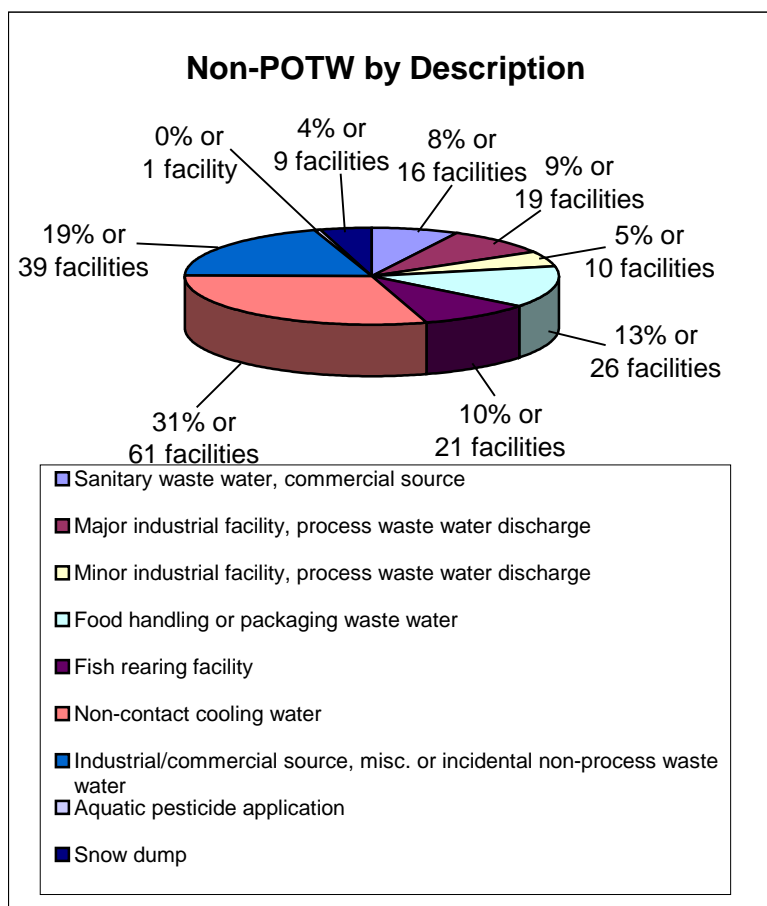


Dischargers are further categorized as Major or Minor. Major POTW dischargers are those facilities with design flows greater than one million gallons per day and facilities with approved industrial pretreatment programs. Major Non POTW dischargers are determined by rating criteria developed by the Environmental Protection Agency. Minor dischargers are those not classified as Major.

Summary of Point Source Discharges by Type (cont'd)

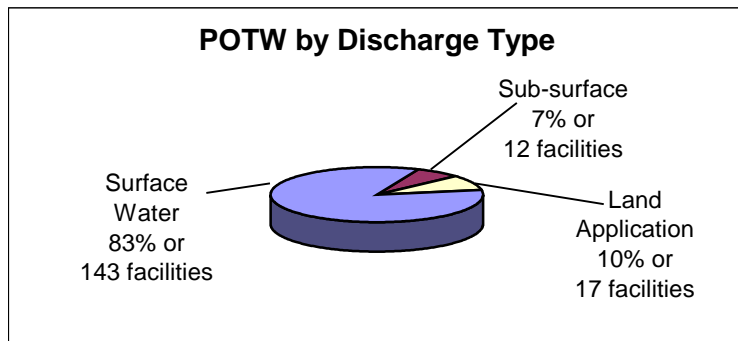


The size of POTWs varies greatly. The smallest POTW has a licensed flow of 2,000 gallons per day. The largest POTW has a licensed flow of 19.8 million gallons per day.

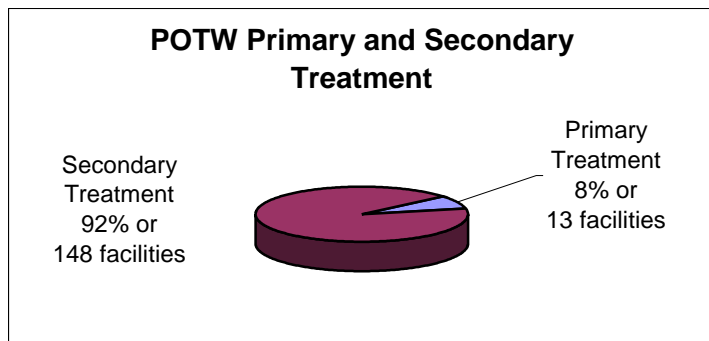
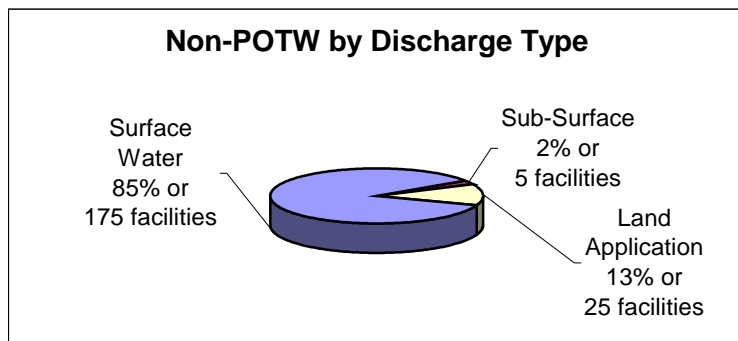


The type of Non-POTW dischargers varies greatly, from the largest paper mill that has a licensed flow of 51 million gallons per day to snow dumps.

Summary of Point Source Discharges by Type (cont'd)



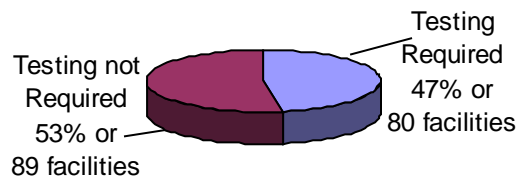
The majority of discharges are to surface waters. However, some facilities discharge via spray irrigation to land, or to subsurface systems. 7 facilities discharge in more than one way.



The majority of POTWs provide secondary treatment of wastewater. Secondary treatment is a combination of physical and biological treatment that, among other criteria, provides a minimum of 85% removal of biochemical oxygen demand (BOD) and total suspended solids (TSS). 13 POTWs that discharge to marine waters were granted a waiver by EPA, as allowed under the Clean Water Act, to provide a reduced level of treatment known as Primary Treatment. Primary treatment is a physical treatment process that provides, among other criteria, a minimum of 30% removal of BOD and TSS. (This chart does not include the 8 communities that have only Combined Sewer Overflows that provide neither secondary or primary treatment.)

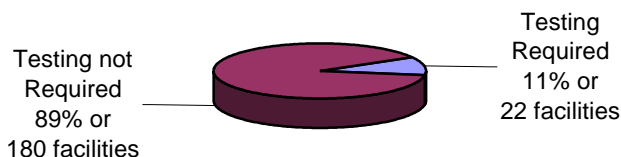
Summary of Point Source Discharges by Type (cont'd)

POTW Toxics Testing

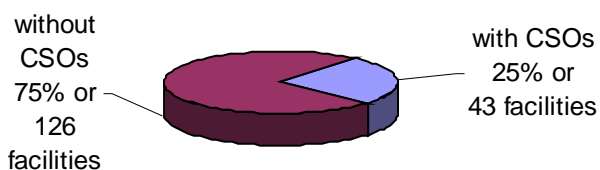


Federal and state law prohibit the discharge of toxic substances in toxic amounts. Department Regulations Chapter 530.5 specifies water quality criteria for toxic substances and the requirements to control the level of toxic substances in surface waters.

Non-POTW Toxics Testing



POTW Communities with CSO



Some communities have Combined Sewer Overflows (CSOs). CSOs occur during storm events when a mixture of wastewater and stormwater runoff overflows a combined sewer collection system (a system that collects sanitary wastewater and stormwater in a single pipe) before receiving treatment at a POTW. These discharges of diluted untreated wastewater violate both State and Federal water pollution laws. POTWs that have CSOs are required to license them with the DEP, evaluate their CSO problems, and determine cost effective solutions to abate them.

Licensing Status of Point Source Discharges

38 M.R.S.A. 413.1. states, “No person may directly or indirectly discharge or cause to be discharged any pollutant without first obtaining a license therefor from the department.” The discharge license establishes limits for the type and amount of pollutants that can be discharged and monitoring and reporting requirements. The Department can not issue a discharge license unless it finds that water quality will be protected.

On January 12, 2001, Maine received partial authorization from the Environmental Protection Agency (EPA) to implement the National Pollutant Discharge Elimination System (NPDES) Program. EPA withheld its decision on contested areas of the state in the upper Penobscot River watershed and certain areas in the St. Croix. River watershed. On October 31, 2003 EPA granted authorization in these contested areas with the exception of two tribal facilities with discharges. EPA will retain the authority for the NPDES permits for these facilities. With this limited exception, the Department is now the primary authority for administering the Clean Water Act in Maine.

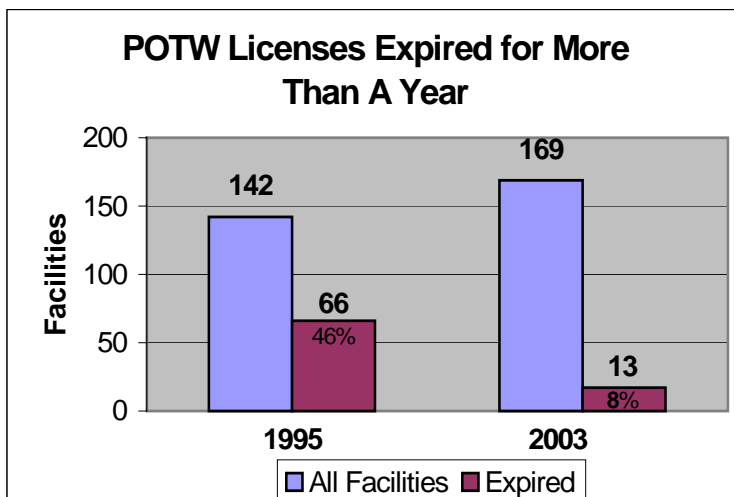
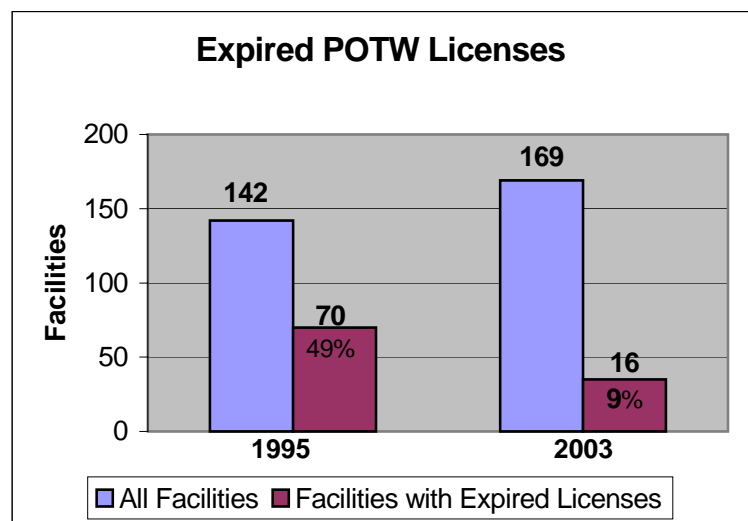
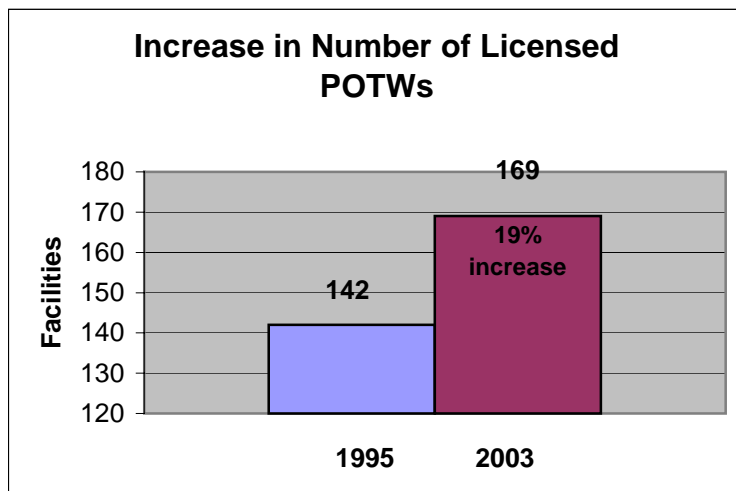
Due to historic understaffing in the Department’s waste discharge licensing program a backlog of expired license applications developed resulting in numerous dischargers operating under expired discharge licenses. As part of the NPDES delegation process, licensing staff was increased from 2 to 5. However, due to a shortfall in the General Fund, a permit writer position is scheduled to be eliminated in July 2004. An aggressive schedule was established in 2000 to eliminate the expired license backlog. In calendar year 2003, the Department completed 101 licensing actions that reduced the expired license backlog to 16% of all licensed facilities. (84% of all licensed facilities are operating with unexpired licenses.) The current goal is to reduce the expired license backlog to no more that 5% of all licensed dischargers by the end of 2004.

Appendices A and B indicate the license status of all dischargers by category and location.

The charts on the following pages provide additional information on the licensing status of discharges.

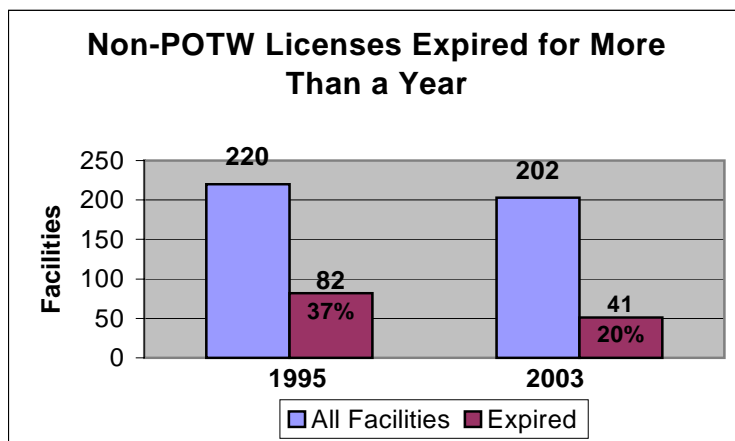
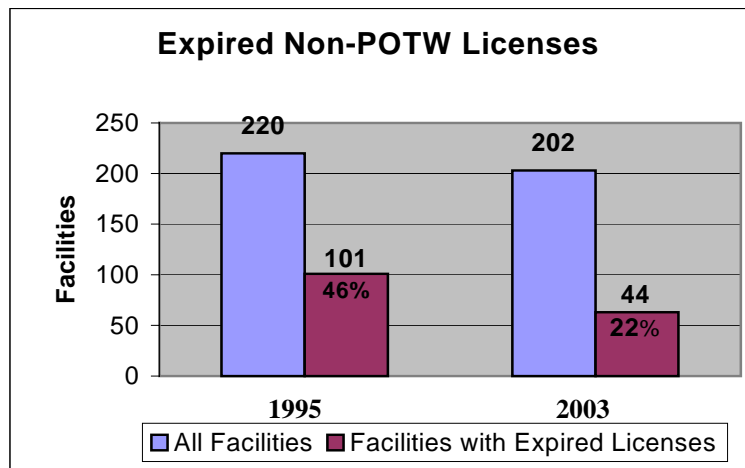
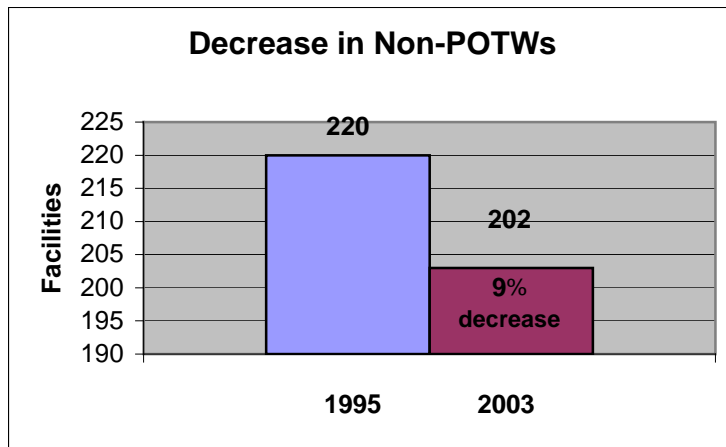
Licensing Status of Point Source Discharges (cont'd)

The following 3 charts indicate changes in the number of licensed POTWs and their licensing status from 1995 to 2003.



Licensing Status of Point Source Discharges (cont'd)

The following 3 charts indicate changes in the number of licensed Non POTWs and their licensing status from 1995 to 2003.



Compliance Status of Point Source Dischargers

The Department tracks compliance with license requirements through facility inspections and review of facility monitoring data. Facilities are required to report the results of the monitoring required by the discharge license to the Department on a monthly basis in Discharge Monitoring Reports (DMRs).

The Department utilizes a variety of tools to ensure compliance at licensed facilities including voluntary compliance, education and outreach, technical assistance, licensing, facility inspections, and enforcement actions.

For the purposes of this report all licensed wastewater dischargers have been designated with a compliance status of either *Substantial Compliance*, *Significant Non Compliance (SNC)*, or *Exceptions List (EL)* for the calendar year 2003. They are defined as follows:

Substantial Compliance: A facility in substantial compliance will have had no violations of its wastewater license, or violations that did not exceed SNC or EL criteria.

Significant Non Compliance: A facility in SNC will have had two large violations, or four of any size violations, for a given parameter in a six-month period. A large violation is a *conventional pollutant* violation that exceeds its permit limit by 40% or more, or a *toxic pollutant* violation that exceeds its permit limit by 20% or more. Conventional pollutants are pollutants typical of municipal sewage, and for which secondary treatment plants are designed to treat. They are Biochemical Oxygen Demand, Total Suspended Solids, fecal coliform bacteria, oil and grease, and pH. Toxic pollutants are pollutants that may cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, or physical deformations. Toxic pollutants include certain metals and organic chemicals.

Exceptions List: A facility is placed on the EL if a facility in SNC has another large violation for the same parameter in the quarter after they reach SNC.

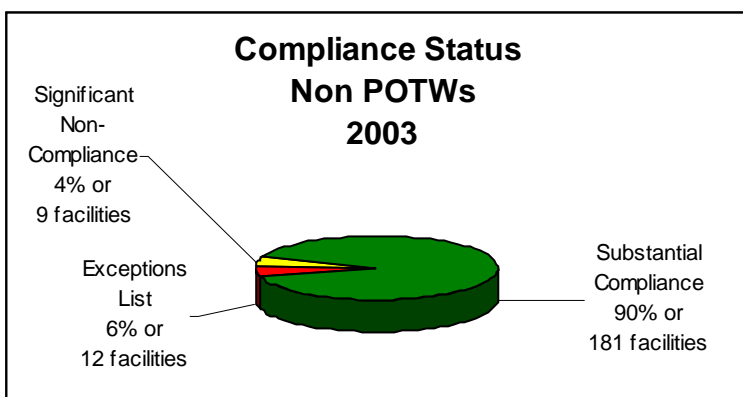
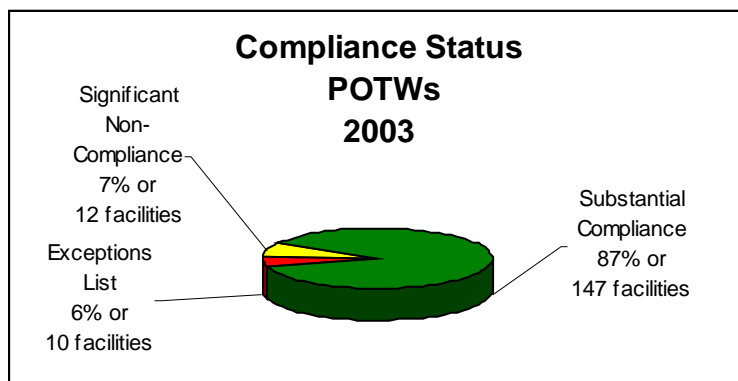
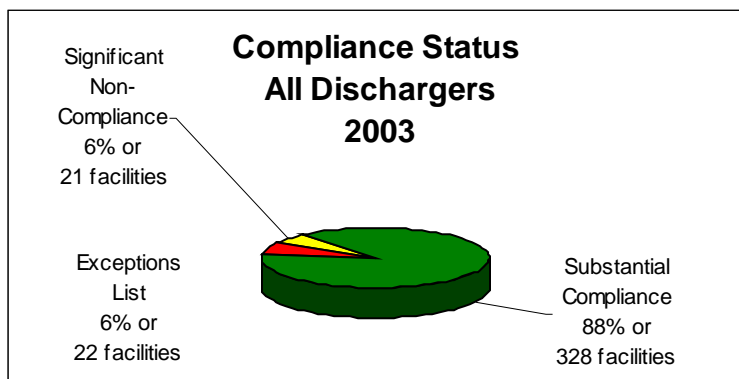
SNC and EL are compliance status criteria developed by the United States Environmental Protection Agency and utilized by the Department to track compliance. For the purposes of this report and routine compliance assessments, the Department has chosen to include all permit limits as potential SNC and EL criteria. EPA uses a more abbreviated list.

Appendices A and B indicate the compliance status of all dischargers by category and location.

Appendices C and D provides non-compliance summaries for facilities in SNC or EL.

Compliance Status of Point Source Dischargers (cont'd)

The following 3 charts summarize the compliance status for calendar year 2003 of licensed discharges based on SNC and EL criteria.



Compliance Status of Point Source Dischargers (cont'd)

It should be noted that the Clean Water Act is unique among environmental laws in the amount of data that must be collected and reported by the licensed dischargers. Every licensed discharger is required to monitor for a variety of parameters. The amount of parameters varies from approximately 30 for large dischargers to approximately 10 for small dischargers. The parameters are monitored at varying frequencies from daily to annually based on a variety of factors. All of this data is submitted to the Department on a monthly basis. The result is that, just for the 82 Major facilities, in any given month there are approximately 16,600 opportunities for an exceedence to be measured.

To illustrate this, the following table indicates the number of violations for Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS) (two common parameters) as a percentage of possible violations per year. This table is based on data from the largest 116 municipal and largest 16 industrial wastewater treatment facilities.

Summary of Discharge Violations				
Year	BOD		TSS	
	Number of Violations	% of Possible Violations	Number of Violations	% of Possible Violations
FY 98-99	504	2.92%	193	1.12%
FY 99-00	516	3.00%	279	1.62%
FY 00-01	226	1.32%	243	1.41%
FY 01-02	315	1.81%	117	0.67%
FY 02-03	125	0.72%	111	0.64%

Environmental Performance Status of Point Source Dischargers

The three charts on the following pages indicate discharge trends for *Biochemical Oxygen Demand (BOD)* and *Total Suspended Solids (TSS)*. This data is included as an indicator of environmental performance status of select licensed dischargers for the time period indicated.

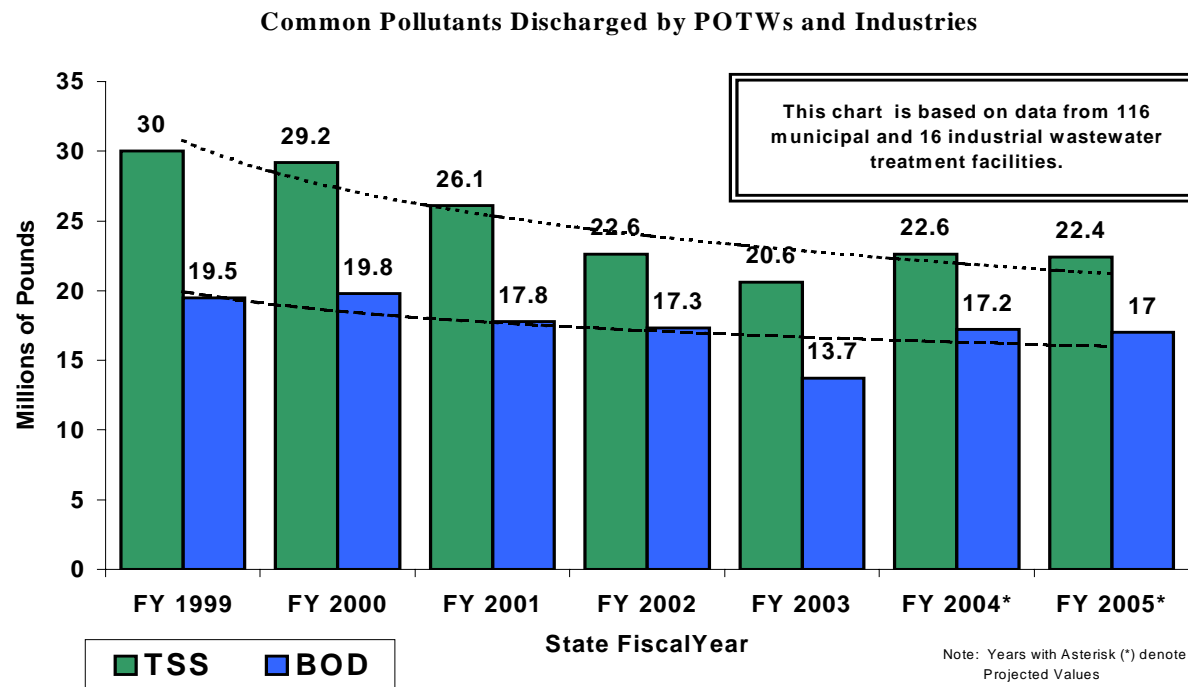
BOD is a measurement of the amount of oxygen utilized by the decomposition of organic material, over a specified time period (usually 5 days) in a wastewater sample; it is used as a measurement of the readily decomposable organic content of a wastewater.

TSS is a measure of the filterable solids present in a wastewater sample.

Both BOD and TSS are good indicators of environmental performance of a wastewater treatment facility in terms of removal of oxygen depleting pollutants.

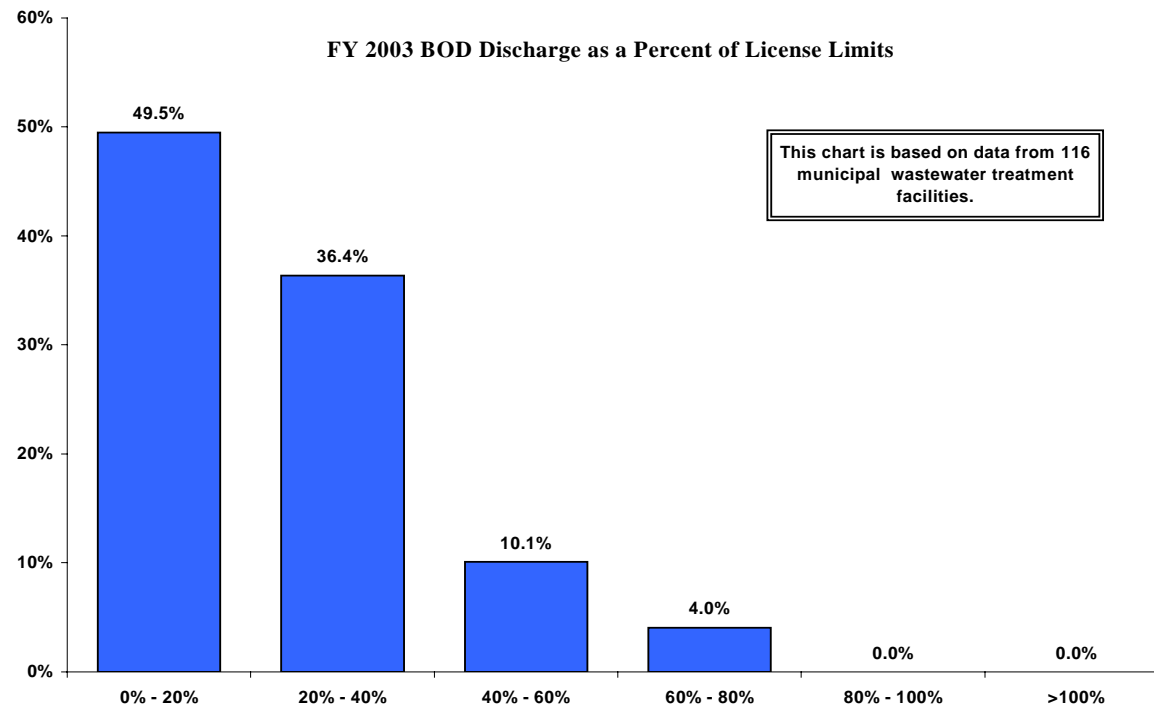
Environmental Performance Status of Point Source Dischargers (cont'd)

The chart below illustrates the downward trend in the discharge of Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS). BOD is a measurement of the amount of oxygen required for microorganisms to assimilate the organic material in wastewater. TSS is a direct measure of the solid matter suspended in wastewater. The downward trend of these two parameters indicates the increased level of performance at municipal and industrial wastewater treatment facilities in the State. During FY 2003 a number of events occurred that effected the discharge of BOD and TSS to the waters of the state. The treatment of the discharge of wastewater from the Fraser Paper Mill in Madawaska was converted from primary treatment to secondary treatment. The treatment facility in the town of Waldoboro was converted from a discharging activated sludge system to a non-discharging spray irrigation system. Both of these changes permanently reduced the amount of BOD and TSS discharged to the waters of the state.



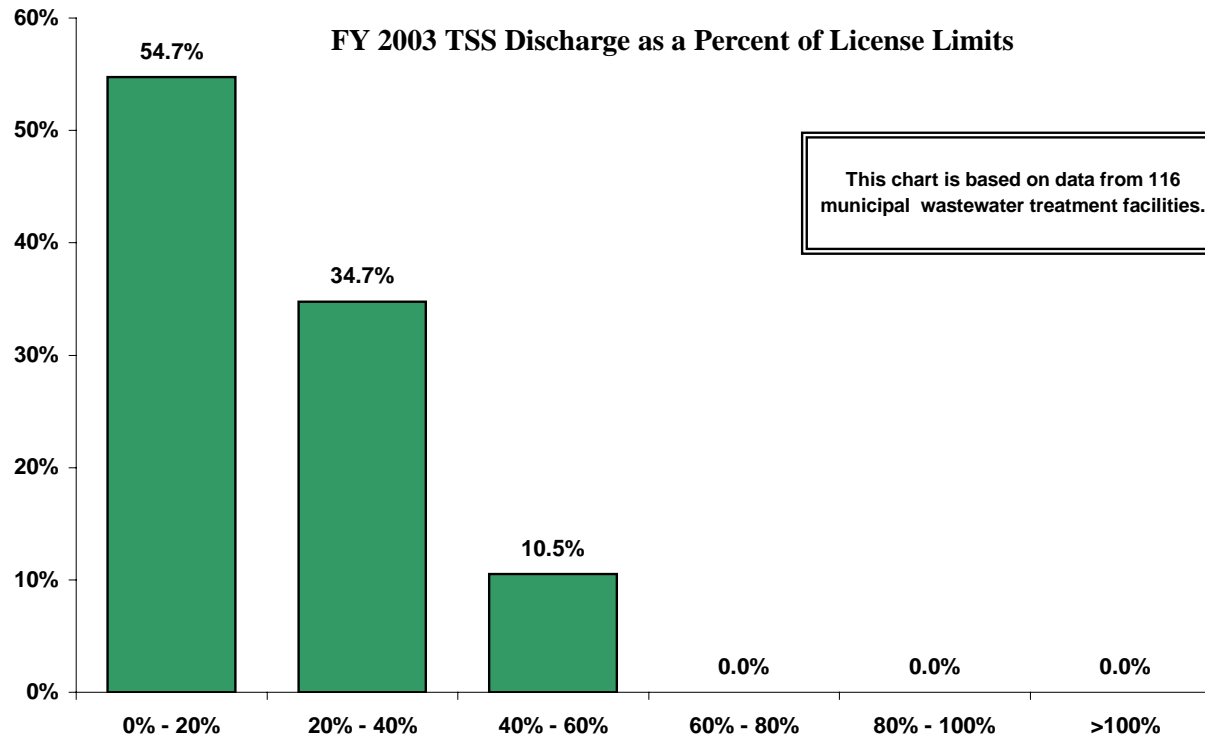
Environmental Performance Status of Point Source Dischargers (cont'd)

The chart below shows the percentage of municipal wastewater treatment facilities as a function of the percentage of the BOD they are allowed, by permit, to discharge to the waters of the State. The chart indicates that more than half the municipal wastewater treatment facilities in Maine discharge less than 20% of the BOD that could be discharged, according to the permits granted to those facilities by the Department of Environmental Protection.



Environmental Performance Status of Point Source Dischargers (cont'd)

The chart below shows the percentage of municipal wastewater treatment facilities as a function of the percentage of the TSS they are allowed, by permit, to discharge to the waters of the State. The chart indicates that more than half the municipal wastewater treatment facilities in Maine discharge less than 20% of the TSS that could be discharged, according to the permits granted to those facilities by the Department of Environmental Protection.



Enforcement Status of Dischargers

Enforcement of license requirements is a key element in protecting water quality. While a variety of tools exist for preventing and resolving compliance problems, the Department may pursue formal, written, and legally binding resolutions to license violations where corrective action and or penalties are appropriate. The Department's preference in resolving civil enforcement actions is to reach agreements as quickly as possible that: remediate environmental damage, restore natural resources to appropriate conditions, impose penalties that capture any economic benefit gained by the violator, and deter similar action in the future. The Department uses the following enforcement tools: Letter of Warning, Notice of Violation, Administrative Consent Agreement, 80K Actions (civil prosecution in court by certified Department staff), Case Referral to the Department of the Attorney General, and enforcement by federal, other state, and local entities.

Enforcement Tools Utilized in 2003 to Respond to Violations	
Actions	Number
Letter of Warning	30
Notice of Violation	34
Consent Agreement*	5
Superior Court*	1
Total	70

*Consent Agreements and Court Actions Finalized in 2003			
Name	Violations	Penalty	Corrective Actions
Dover-Foxcroft Water District	Unlicensed discharges	\$1,350	Implement additional monitoring and inspection procedures
Maine Wild Blueberry	Unlicensed discharges	\$5,000	Modification of storm water collection system
Kelly Winslow	False reporting (criminal case)	None	Jail 14 days, suspended; community service, 100 hours
Northport Village Corp.	License violations	\$25,000	Upgrade of treatment facilities; suspended penalty of \$14,683
Town of Baileyville	License violations	\$2,654	Program to reduce inflow and infiltration of water into sewers
Domtar	Unlicensed discharges	\$19,975	Improvements to spill control systems; Supplemental Environmental Projects for \$68,625
		\$53,979	

In addition, the following cases for point source dischargers were referred to enforcement in calendar year 2003. As indicated below, all are under active investigation, or Administrative Consent Agreements have been initiated, or the case has been otherwise resolved without enforcement action. Administrative Consent Agreements are likely to contain monetary penalties and corrective actions.

Cases Referred to Enforcement in 2003				
Discharger Type	Number of Cases	Under investigation	Consent Agreement initiated	Resolved without enforcement
POTW	5	1	4	0
Non POTW	5	3	0	2
Total	10	4	4	2

Status of Overboard Dischargers

Overboard Discharges (OBDs) are treated discharges to surface waters of domestic pollutants that are not conveyed and treated in municipal or quasimunicipal treatment facilities. Typical OBDs include residences, schools, and commercial establishments. There are currently 1,658 approved OBDs in the state located in 132 towns and plantations. 50% of these discharges are located in eight communities (Boothbay, Boothbay Harbor, Bristol, Georgetown, Harpswell, Southport, South Bristol, and Portland).

Since 1995, the number of approved OBDs has decreased by 487. This decline is due primarily to the OBD removal program and to public sewer line extensions. During this time, OBDs have been completely removed from thirty-four municipalities. (Bridgton, Brooklin, Caribou, Carmel, Charleston, Cushing, East Machias, Enfield, Freeport, Greenville, Hancock, Harmony, Hollis, Isle Au Haut, Lubec, New Gloucester, New Portland, New Vineyard, Oakfield, Ogunquit, Old Town, Orland, Passadumkeag, Pembroke, Perry, Poland Springs, Rockland, Roque Bluffs, Saco, Sedgwick, Stacyville, Sullivan, Trenton, and Waterville).

OBD License Status

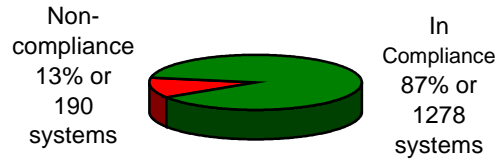
Currently, 41% of all approved OBDs are operating with an expired license or conditional permit. The backlog of expired licenses has been the result of historic staffing shortages and compliance efforts that have reduced the amount of time dedicated to licensing. Currently, of the 679 expired licenses, 1% have pending renewal applications accepted by the department, and 8% have been contacted regarding license renewal. In subsequent years, roughly 15% of the expired licenses will be targeted for renewal, reducing the expired backlog to approximately 5% by 2009. Since 1995, the number of expired OBD licenses and conditional permits has decreased by over 675.

OBD Compliance Status - Inspections

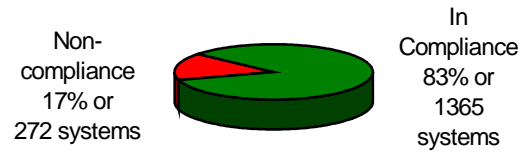
The vast majority of OBDs are inspected twice per year. The following two charts indicate compliance status based on 2003 inspections. If non-compliance is discovered during an inspection, the inspector will indicate the problem and suggested correction in the inspection report that is left with the system owner. The system owner is then required to correct the problem within two weeks. Approximately 90% of non-compliance is corrected voluntarily by the system owner within this two-week time frame. If the system owner fails to correct the non-compliance the Department will issue a Letter of Warning, and if needed a Notice of Violations to compel the system owner to correct the non-compliance.

Status of Overboard Dischargers (cont'd)

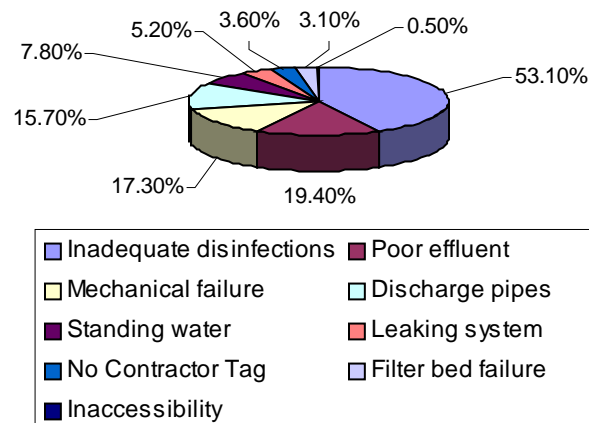
First Round of Inspections



Second Round of Inspections

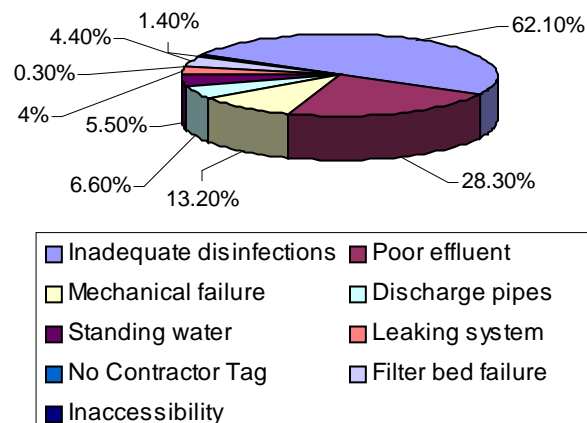


Total Number of Exceedances by Type - 1st Round



% totals more than 100% due to violations in multiple categories

Total Number of Exceedances by Type - 2nd Round

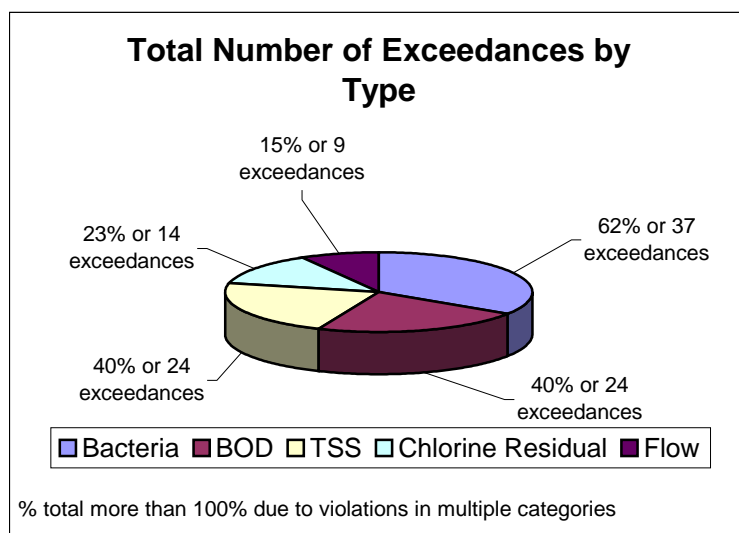
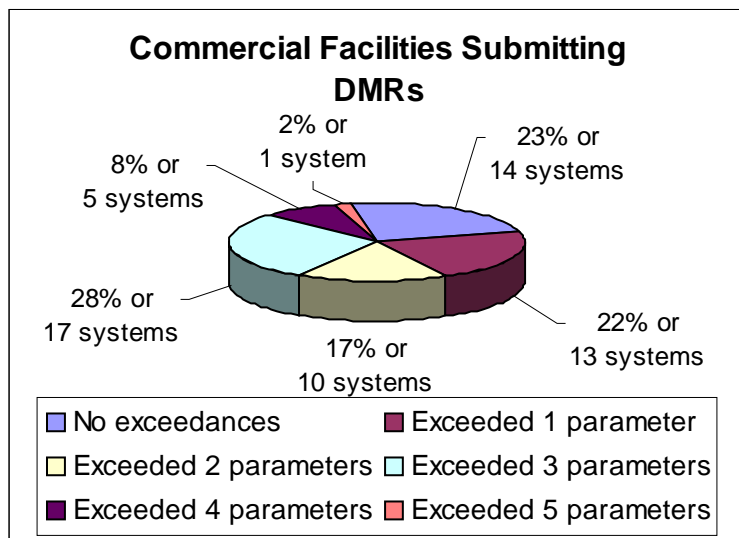


% totals more than 100% due to violations in multiple categories

Status of Overboard Dischargers (cont'd)

OBD Compliance Status – Discharge Monitoring Reports

Commercial OBDs are required to periodically submit to the Department Discharge Monitoring Reports (DMRs). The DMRs indicate the results of effluent monitoring to determine compliance with effluent limits set in discharge permits. The following two charts indicate the number and type of exceedances for calendar year 2003. When an exceedance is reported to the Department the facility is also required to report the cause of the exceedance and the corrective action. The Department follows up with any facility that has not self corrected the cause of an exceedance to ensure the problem is corrected.



Status of Overboard Dischargers (cont'd)

OBD Compliance Status – Large Facilities

In addition to the compliance data noted above the following two facilities also experienced exceedences of permit limits during 2003. These facilities are technically OBDs, however due to their size their monitoring data is reviewed, and they are inspected, by point source inspectors. Therefore their data is not included in the charts on the previous page.

M.S.A.D. #6, Bonny Eagle High School

BOD

Actions

The Department issued a NOV in February. The Department has determined that there are no practical alternatives to the discharge. They will be sending monthly reports on their corrective action efforts on the existing system and facility upgrade is planned.

Veterans Administration, Togus

Silver
E. coli

All Quarters
1st, 2nd, & 3rd Quarters

Actions

The Department met with VA Togus staff in January to discuss toxicity reduction evaluation, compliance problems, construction status, and the pending license application. VA Togus will be submitting a plan and schedule for the completion of the oxidation ditch project and testing its performance. Also submitting results of pilot study that was done on the equalization basin.

OBD Enforcement Status

In 2003 enforcement actions were initiated against one OBD dischargers for chronic effluent violations and against one OBD discharger for falsification of data.

Approved Overboard Discharges, by Location
As of December 31, 2003

The following list indicates the location of the 1,658 OBDs by town.

<u>TOWN/CITY</u>	<u>NUMBER</u>
ADDISON	8
ALNA	1
ARROWSIC	2
ARUNDEL	10
AUGUSTA	1
BAILEYVILLE	1
BANGOR	2
BAR HARBOR	14
BATH	11
BEALS	1
BELFAST	2
BENTON	1
BETHEL	1
BIDDEFORD	32
BLUE HILL	14
BOOTHBAY	154
BOOTHBAY HARBOR	88
BOWDOINHAM	6
BRADLEY	7
BREMEN	1
BRISTOL	172
BROOKS	1
BROOKSVILLE	7
BRUNSWICK	3
BUCKFIELD	7
BURNHAM	1
BUXTON	1
CALAIS	6
CAMDEN	7
CAPE ELIZABETH	5
CASTINE	6
CHELSEA	1
CHERRYFIELD	37
CHESTERVILLE	1
COLUMBIA FALLS	9

<u>TOWN/CITY</u>	<u>NUMBER</u>
CRANBERRY ISLES	13
CUMBERLAND	1
CUTLER	4
DAMARISCOTTA	4
DEER ISLE	17
DRESDEN	2
EAST MACHIAS	1
EASTPORT	1
EDDINGTON	3
EDGECOMB	29
ELIOT	2
ELLSWORTH	1
EUSTIS	4
FAIRFIELD	1
FALMOUTH	1
FARMINGTON	3
FRANKFORT	2
FRENCHBORO	3
FRIENDSHIP	21
GEORGETOWN	65
GORHAM	1
GOULDSBORO	22
HAMPDEN	1
HARPSWELL	101
HARRINGTON	7
INDUSTRY	1
ISLEBORO	3
JONESBORO	3
JONESPORT	10
KENNEBUNK	4
KENNEBUNKPORT	5
KITTERY	10
LEWISTON	1
LINCOLNVILLE	3
LONG ISLAND	4
LUBEC	1

Approved Overboard Discharges, by Location
As of December 31, 2003

<u>TOWN/CITY</u>	<u>NUMBER</u>	<u>TOWN/CITY</u>	<u>NUMBER</u>
MACHIAS	1	SOUTH PORTLAND	1
MACHIASPORT	7	SOUTH THOMASTON	7
MADISON	6	SOUTHPORT	177
MATINICUS ISLAND	1	SOUTHWEST HARBOR	9
MEDWAY	1	ST. GEORGE	39
MILBRIDGE	2	STANDISH	3
MONHEGAN	34	STEUBEN	2
MONTICELLO	1	STONINGTON	9
MOUNT DESERT	15	STRONG	3
NEWCASTLE	1	SURRY	4
NORRIDGEWOCK	1	SWANS ISLAND	3
NORTH HAVEN	6	THOMASTON	2
OAKLAND	1	TOPSHAM	2
ORRINGTON	3	TREMONT	28
OWLS HEAD	18	TRESCOTT	2
OXFORD	1	TURNER	7
PARSONSFIELD	1	VASSALBORO	2
PENOBSCOT	5	VERONA	1
PHIPPSBURG	11	VINALHAVEN	36
PORTLAND	62	WARREN	2
PRESQUE ISLE	1	WEST BATH	13
PROSPECT	1	WEST PARIS	4
RICHMOND	1	WESTPORT	17
ROBBINSTON	1	WINDHAM	4
ROCKPORT	6	WINSLOW	6
SABATTUS	1	WINTER HARBOR	8
SCARBOROUGH	3	WINTERPORT	1
SEARSPORT	1	WISCASSET	2
SIDNEY	1	WOOLWICH	9
SOUTH BERWICK	2	YARMOUTH	12
SOUTH BRISTOL	57	YORK	15
		TOTAL	1,658

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(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
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Anson-Madison Sanitary District	W-002710	06/27/06	5.000	5M	EPA major facility; toxics testing required	
Ashland	W-002697	05/18/05	0.300	5L	Domestic waste water only; toxics testing required	
Auburn	W-000685	12/08/05	-----	5T	CSO-only discharge; exempt from toxics testing	
Augusta	W-002695	06/06/08	8.000	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	
Baileyville	W-002649	11/19/08	0.600	5L	Domestic waste water only; exempt from toxics testing	
Bangor	W-001041	02/12/07	18.000	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs.	
Bar Harbor-DeGregoire Park	W-002584	12/08/05	0.012	5L	Domestic waste water only; exempt from toxics testing	
Bar Harbor-Hulls Cove	W-002590	12/14/05	0.150	5L	Domestic waste water only; exempt from toxics testing; upgrade completed in 2000	
Bar Harbor-Main Plant	W-002591	12/14/05	2.000	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs; upgrade completed in 1999	
Bar Harbor-Mount Desert High School	W-003319	04/22/04	0.033	5L	Seasonal surface discharge (spray irrigation system); exempt from toxics testing	
Bath	W-002678	10/27/04	3.500	5L	EPA major facility; toxics testing required; includes CSOs; upgraded to 3.5 MGD in 1998	Exceptions List
Belfast	W-000569	06/19/06	0.700	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Berwick	W-000566	01/22/08	1.100	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; TMDL limits go into effect Sept. 30, 2005	
Bethel	W-002595	12/08/05	0.340	5L	Domestic waste water only; exempt from toxics testing	
Biddeford	W-000683	06/25/08	6.500	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs; upgrade completed in 2000	
Biddeford-Biddeford Pool	W-007581	03/30/05	0.030	5L	Domestic waste water only; exempt from toxics testing	
Bingham	W-001286	04/17/06	0.200	5L	Domestic waste water only; exempt from toxics testing; upgrade completed in 1998	
Blue Hill	W-002628	11/16/04	0.070	5L	Domestic waste water only; exempt from toxics testing	
Boothbay Harbor (Bayville Village Corporation)	W-002573	03/12/07	0.015	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	

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LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Boothbay Harbor-Main Plant	W-002750	12/08/05	0.640	5L	EPA major facility; toxics testing required	
Brewer	W-002679	04/25/08	5.190	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs.	
Bridgton	W-007879	06/26/07	0.032	5L	Subsurface discharge (two systems); exempt from toxics testing	
Brownville	W-000829	08/14/07	0.087	5L	Subsurface discharge (11 separate systems); exempt from toxics testing	
Brunswick	W-002600	10/01/04	3.850	5L	EPA major facility; toxics testing required	
Brunswick-Mere Point	W-008015	06/11/08	0.011	5L	Subsurface discharge (5 separate systems); exempt from toxics testing	
Brunswick-Graham Road Landfill	W-004308	02/16/00	---	5L	Discharge of treated landfill leachate; exempt from toxics testing	
Bucksport	W-002596	06/17/07	0.460	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; includes CSOs; NPDES permit issued by EPA	
Calais	W-002751	07/13/04	1.500	5L	EPA major facility; domestic waste water; toxics testing required	Exceptions List
Camden	W-002592	07/18/08	1.210	5M	EPA major facility; EPA pre-treatment program required; toxics testing required	
Canton	W-006445	07/07/08	0.250	5L	Domestic waste water only; no discharge allowed when flows < 20 cfs; toxics testing required	
Cape Elizabeth (Portland Water District)	W-006751	12/17/06	0.499	5L	Domestic waste water only; toxics testing required; includes CSOs	
Caribou-City Facility	W-001001	08/14/06	1.410	5L	EPA major facility; toxics testing required; authorized to treat up to 14,000 GPD of septage	
Caribou-Loring Development Authority	W-006654	12/19/08	2.500	5L	EPA major facility; formerly Loring Air Force Base; toxics testing required	
Carrabassett Valley	W-002781	05/17/05	-----	5L	54 MGY surface discharge (snowfluent system & spray irrigation system); exempt from toxics testing	
Castine	W-002623	11/30/04	0.126	5L	Domestic waste water only; exempt from toxics testing	Significant Non Compliance
Clinton	W-002589	02/14/08	0.350	5L	Domestic waste water only; toxics testing required; no discharge allowed when flows < 65 cfs	
Corinna	W-002179	07/01/04	0.200	5L	EPA major facility; toxics testing required; includes CSOs; alternatives to eliminate surface water discharge being evaluated	
Cornish	W-007878	06/26/07	0.007	5L	Subsurface discharge; exempt from toxics testing	

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Damariscotta- Main Plant (Great Salt Bay Sanitary District)	W-006048	08/31/06	0.268	5L	Domestic waste water only; year-round chlorination required; exempt from toxics testing	Significant Non Compliance
Danforth	W-000819	04/17/02	0.049	5L	Domestic waste water only; exempt from toxics testing.	
Dexter	W-000830	12/20/07	0.273	5L	Surface discharge (spray irrigation system); exempt from toxics testing	
Dover- Foxcroft	W-002633	11/29/04	0.800	5L	Domestic waste water only; toxics testing required; includes CSOs	
Eagle Lake	W-003374	11/25/07	0.146	5L	Surface discharge (spray irrigation system); exempt from toxics testing	
East Machias	W-006521	12/08/05	0.026	5L	18 separate outfalls; domestic waste water only; exempt from toxics testing; year-round chlorination required	
East Millinocket	W-002683	10/12/06	-----	5T	CSO-only discharge; exempt from toxics testing; primary treated sanitary waste water is discharged to GNP secondary treatment facility	
Eastport-Main Plant	W-002598	08/13/07	0.82	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
Eastport- Quoddy Village	W-008131	08/13/07	0.050	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
Ellsworth	W-002529	07/07/04	0.850	5L	EPA major facility; toxics testing required	
Ellsworth- Shore Road	W-003801	07/01/04	0.002	5L	2 separate sandfilter systems serving a total of 7 residences; exempt from toxics testing	
Fairfield	W-007701	10/11/08	-----	5T	CSO-only discharge (two discharge points); exempt from toxics testing	
Falmouth	W-002650	01/22/08	1.560	5L	EPA major facility; domestic waste water only; toxics testing required	
Farmington	W-002670	11/27/06	0.900	5L	EPA major facility; domestic waste water only; toxics testing required; seasonal limits	
Fort Fairfield	W-000694	04/26/06	0.600	5M	EPA major facility; toxics testing required	
Fort Kent	W-000692	12/28/06	0.430	5L	EPA major facility; upgrade completed in 1997; toxics testing required; includes CSOs	Exceptions List
Freeport	W-000617	05/03/05	0.750	5L	EPA major facility; domestic waste water only; toxics testing required	
Freeport- Landfill	W-002682	04/12/95	---	5L	Surface discharge (lagoon/spray irrigation system) of treated landfill leachate	
Frenchville	W-007676	12/21/05	0.060	5L	Domestic waste water only; exempt from toxics testing	Significant Non Compliance
Gardiner	W-002655	06/03/04	4.500	5L	EPA major facility; toxics testing required; includes CSOs	

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Gorham-Little Falls (Portland Water District)	W-006950	08/14/07	0.040	5L	Domestic waste water only; exempt from toxics testing	
Grand Isle	W-007713	12/08/05	0.080	5L	Domestic waste water only; exempt from toxics testing	
Greenville (Moosehead Sanitary District)	W-002119	01/29/09	0.170	5L	Surface discharge (spray irrigation and snowfluent system); exempt from toxics testing	
Guilford (Guilford-Sangerville Sanitary District)	W-006792	08/28/02	0.930	5M	EPA major facility; toxics testing required	
Hallowell	W-007532	06/23/08	-----	5T	CSO-only discharge; exempt from toxics testing	
Hampden	W-007967	12/27/07	-----	5T	CSO-only discharge; exempt from toxics testing	
Hartland	W-000678	11/07/07	1.500	5M	EPA major facility; EPA pre-treatment program required; toxics testing required	
Houlton	W-002648	03/30/05	1.500	5L	EPA major facility; domestic waste water only; toxics testing required	
Howland	W-002632	06/02/05	0.300	5L	Domestic waste water only; exempt from toxics testing; accepts waste from West Enfield	Significant Non Compliance
Indian Township-Peter Dana Point	W-007055	01/21/02	0.015	5L	Subsurface discharge (5 separate systems); Passamaquoddy Indian Reservation; exempt from toxics testing	
Indian Township-Princeton Strip	W-000872	08/02/99	0.015	5L	Surface discharge (spray irrigation) system; Passamaquoddy Indian Reservation; exempt from toxics testing	
Islesboro-Dark Harbor	W-002726	08/08/05	0.018	5L	Domestic waste water only; exempt from toxics testing; year-round chlorination required	Significant Non Compliance
Jackman	W-002696	12/23/04	0.675	5L	Seasonal discharge; domestic waste water only; toxics testing required	
Jay-North Jay	W-002689	12/08/05	0.060	5L	Domestic waste water only; toxics testing required	
Kennebunk	W-002585	06/20/99	1.310	5L	EPA major facility; toxics testing required	
Kennebunkport	W-002626	03/14/05	0.700	5L	EPA major facility; domestic waste water only; toxics testing required	
Kingfield	W-006272	05/29/07	0.077	5L	Subsurface discharge (55 separate systems); exempt from toxics testing	
Kittery	W-000389	05/09/06	2.500	5L	EPA major facility; toxics testing required; includes CSOs	
Lewiston	W-000684	12/18/05	-----	5T	CSO-only discharge; exempt from toxics testing	

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Lewiston (Lewiston- Auburn Water Pollution Control Authority)	W-000682	12/31/07	14.200	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSO	Significant Non Compliance
Lewiston-No Name Pond	W-008126	05/02/06	0.004	5K	Subsurface discharge; exempt from toxics testing	
Limerick	W-000860	01/31/06	0.110	5L	Domestic waste water only; toxics testing required	
Limestone	W-002684	01/25/06	0.300	5L	EPA major facility; domestic waste water only; toxics testing required; limited to 0.200 MGD July 1 to September 30	
Lincoln	W-001479	03/31/08	1.070	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Lisbon	W-002725	01/27/05	2.025	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Livermore Falls	W-002654	10/17/06	2.000	5L	Domestic waste water only; exempt from toxics testing; includes CSO	
Lubec	W-006306	07/07/08	0.166	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
Machias	W-002674	05/22/05	0.370	5L	EPA major facility; toxics testing required; includes CSOs	Exceptions List
Madawaska	W-002602	11/14/08	0.600	5L	Domestic waste water only; exempt from toxics testing; includes CSOs	
Mapleton	W-008147	01/27/08	0.090	5L	Domestic waste water only; exempt from toxics testing; surface discharge (spray irrigation and snowfluent system)	
Mars Hill	W-000842	12/10/07	1.000	5L	Domestic waste water only; toxics testing required; sliding scale discharge regime to maintain specified dilution factors	
Mattawamkeag	W-007462	06/14/05	0.020	5L	Domestic waste water only; exempt from toxics testing	
Mechanic Falls	W-002722	10/22/07	0.490	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Mexico (Rumford- Mexico Sewerage District)	W-002686	08/10/05	2.650	5L	EPA major facility; domestic waste water only; toxics testing required	
Milbridge	W-000862	11/18/08	0.070	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); discharge is from 76 residential sandfilter systems, 5 primary treatment commercial facilities, and 67 separate sub-surface systems; exempt from toxics testing; NPDES permit issued by EPA	Significant Non Compliance
Millinocket	W-002680	05/06/08	2.330	5L	EPA major facility; toxics testing required	

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Milo	W-002753	12/06/04	0.390	5L	Domestic waste water only; toxics testing required	
Monson	W-007155	08/14/07	0.014	5L	Subsurface discharge (2 separate systems); exempt from toxics testing	
Mt. Desert-Northeast Harbor	W-002659	12/23/08	0.330	5L	Domestic waste water only; toxics testing required	Exceptions List
Mt. Desert-Otter Creek	W-002658	08/28/02	0.125	5L	Domestic waste water only; toxics testing required	Significant Non Compliance
Mt. Desert-Seal Harbor I	W-002657	08/12/02	0.150	5L	Domestic waste water only; exempt from toxics testing	
Mt. Desert-Seal Harbor II	W-001007	08/12/02	0.004	5K	Domestic waste water only; sandfilter system; exempt from toxics testing	Significant Non Compliance
Mt. Desert-Somesville	W-002656	12/23/08	0.080	5L	Domestic waste water only; toxics testing required	
Newport	W-000865	01/04/04	0.524	5L	Domestic waste water only; toxics testing required	
Newport-Nokomis Regional High School	W-007162	07/22/08	0.010	5L	Seasonal surface discharge (facultative lagoon/spray irrigation system); exempt from toxics testing	
Nobleboro-Damariscotta Mills (Great Salt Bay Sanitary District)	W-007044	07/12/06	0.015	5L	Domestic waste water only (sandfilter system); exempt from toxics testing	
Norridgewock	W-007742	11/19/08	0.193	5L	Domestic waste water only; exempt from toxics testing	
North Berwick	W-006267	08/14/07	1.000	5L	Seasonal discharge; allowable daily maximum discharge of 1.0 MGD while maintaining minimum dilution of 20 to 1; toxics testing required	
North Haven	W-001671	11/21/08	0.040	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	Significant Non Compliance
Northport	W-002575	01/19/01	0.063	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; outfall extended by 200 ft in 1997	Exceptions List
Norway	W-002647	05/03/06	0.975	5L	EPA major facility; seasonal discharge; domestic waste water only; no discharge allowed when flows < 31 cfs; toxics testing required	
Oakland	W-002690	05/15/06	0.480	5L	EPA major facility; toxics testing required	
Ogunquit	W-000449	02/25/08	1.280	5L	EPA major facility; domestic waste water only; toxics testing required	
Old Orchard Beach	W-002786	04/13/05	3.500	5L	EPA major facility; new outfall to ocean completed in 1995; toxics testing required	

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Old Town	W-001635	11/04/04	1.700	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	Exceptions List
Old Town-Indian Island	W-002672	03/29/05	0.070	5L	Domestic waste water only; Penobscot Indian Nation; exempt from toxics testing	
Orono	W-002673	10/29/07	1.840	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Paris-South Paris (Paris Utility District)	W-000632	08/21/06	0.650	5L	EPA major facility; toxics testing required; includes CSOs	
Patten	W-007775	12/16/08	0.030	5L	Surface discharge (spray irrigation system); exempt from toxics testing	
Perry (Pleasant Point)	W-002561	10/13/04	0.150	5L	Passamaquoddy Indian Reservation; exempt from toxics testing	
Pittsfield	W-001477	12/17/03	1.500	5L	Surface discharge; exempt from toxics testing	
Portland	W-008010	07/07/08	-----	5T	CSO-only discharge (12 discharge points); exempt from toxics testing	
Portland (Portland Water District)	W-002671	03/06/08	19.800	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	Exceptions List
Portland-Peaks Island (Portland Water District)	W-007182	08/14/07	0.200	5L	Domestic waste water only; exempt from toxics testing	
Presque Isle	W-002713	09/30/07	2.310	5L	EPA major facility; toxics testing required; includes CSOs	Significant Non Compliance
Presque Isle-Echo Lake	W-008017	06/05/08	0.004	5K	Subsurface discharge; exempt from toxics testing	
Presque Isle-Landfill	W-008088	07/05/05	---	5L	Discharge of treated landfill leachate through lagoon/spray irrigation system	
Randolph	W-008074	03/18/04	-----	5T	CSO-only discharge; exempt from toxics testing	
Rangeley	W-008086	04/27/06	-----	5L	36.5 MGY surface discharge (spray irrigation and snowfluent system); exempt from toxics testing	
Richmond	W-002616	02/25/08	0.300	5L	Domestic waste water only; exempt from toxics testing	
Rockland	W-000681	06/13/06	3.300	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	
Rumford-Rumford Point (Rumford-Mexico Sewerage District)	W-002685	08/08/05	0.019	5L	Domestic waste water only; exempt from toxics testing	
Sabattus	W-002624	11/12/06	0.120	5L	Domestic waste water only; toxics testing required	
Saco	W-002599	07/05/06	4.200	5L	EPA major facility; toxics testing required; includes CSOs	

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Sanford	W-000870	03/28/08	5.500	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs; tiered effluent limits; plant upgrade scheduled to be on-line by June 1, 2005	
Scarborough	W-002668	01/10/06	4.500*	5L	EPA major facility; toxics testing required. *Upgrade from current plant capacity of 1.8 MGD approved but not yet scheduled	
Searsport	W-006279	06/17/07	0.200	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
Sinclair	W-007814	01/11/06	0.042	5L	Surface discharge (spray irrigation system) on-line in 1996; exempt from toxics testing	
Skowhegan-Main Plant	W-002645	04/25/08	1.65	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Skowhegan-Norridgewock Avenue Housing	W-002345	04/07/04	0.019	5L	Domestic waste water only; exempt from toxics testing	
Sorrento	W-002280	12/18/06	0.003	5K	Domestic waste water only; exempt from toxics testing	
South Berwick	W-002721	06/17/07	0.567	5L	Secondary treatment plant on-line 1995; toxics testing required	
South Portland	W-001370	03/31/04	9.300	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs; upgrade completed in 1998	
Southport-Squirrel Island	W-000826	12/27/00	0.030	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only), with 10 separate outfalls; also licensed are 14 separate subsurface systems; exempt from toxics testing	Exceptions List
Southwest Harbor	W-002676	07/05/05	0.375	5L	EPA major facility; toxics testing required	
St. Agatha	W-002755	12/08/05	0.060	5L	Domestic waste water only; exempt from toxics testing	
Stonington	W-001475	03/14/08	0.175	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
Thomaston	W-002643	04/11/08	0.900	5L	EPA major facility; seasonal surface discharge (spray irrigation system); discharge to St. George River allowed Jan-Mar; toxics testing required	
Unity	W-000478	08/13/07	0.500	5L	Domestic waste water only; toxics testing required; no discharge when flow < 15 cfs; discharge regulated to maintain specified dilution factors	
Van Buren	W-002675	11/01/04	0.560	5L	EPA major facility; domestic waste water only; exempt from toxics testing	
Vassalboro-Main Street Facility	W-002597	02/22/05	0.025	5L	Domestic waste water only (sandfilter system); exempt from toxics testing	

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Vassalboro-North Main Street Facility	W-008101	02/22/05	0.025	5L	Domestic waste water only (sandfilter system); exempt from toxics testing	
Vassalboro-Cemetery Street Facility	W-008102	02/22/05	0.029	5L	Domestic waste water only (sandfilter system); exempt from toxics testing	
Veazie	W-002754	10/24/07	0.350	5L	Domestic waste water only; exempt from toxics testing; CBOD limits established	
Vinalhaven	W-008146	11/25/07	0.129	5L	Domestic waste water only; toxics testing required; facility construction underway and scheduled to be complete in 2004	
Waldoboro	W-008114	12/20/07	0.150	5L	Domestic waste water only; seasonal surface discharge (spray irrigation system); exempt from toxics testing	
Wallagrass Plt. (Eagle Lake Water & Sewer District)	W-007955	12/27/07	0.006	5L	Subsurface discharge; exempt from toxics testing	
Warren	W-007023	04/07/05	0.244	5L	Domestic waste water only; toxics testing required; discharge limited to 0.0795 MGD June 1-Sept 30	
Washburn	W-007610	12/21/06	0.283	5L	Domestic waste water only; toxics testing required	
Waterville (Kennebec Sanitary Treatment Dist.)	W-000687	04/08/03	12.700	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	
Wells	W-000653	10/29/04	2.000	5L	EPA major facility; toxics testing required	
Westbrook (Portland Water District)	W-001510	12/21/06	4.54	5L	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	
Whitneyville-Canal Road Facility	W-006551	02/03/05	0.002	5K	6 individual sandfilter systems with a common outfall; domestic waste water only; exempt from toxics testing	
Whitneyville-School Street Facility	W-008099	02/03/05	0.006	5L	Cluster sandfilter system; domestic waste water only; exempt from toxics testing	
Wilton	W-002365	08/22/06	0.450	5L	EPA major facility; toxics testing required	
Winter Harbor	W-000562	07/11/05	0.125	5L	Domestic waste water only; exempt from toxics testing	Significant Non Compliance
Winterport	W-001480	09/25/00	0.110	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; includes CSOs	
Wiscasset	W-000370	03/31/03	0.620	5L	Domestic waste water only; toxics testing required; plant upgrade completed in 1994	
Yarmouth	W-002644	12/22/08	1.310	5L	EPA major facility; domestic waste water only; toxics testing required	

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Yarmouth-Sea Meadows Subdivision	W-002234	06/27/06	0.012	5L	Domestic waste water only; exempt from toxics testing; previously licensed as a commercial OBD	Exceptions List
York	W-002687	05/04/06	3.000	5L	EPA major facility; domestic waste water only; toxics testing required	

TOTAL LICENSED POTWs: 169

APPENDIX A

KEY TO COLUMN HEADINGS

LOCATION	Municipality in which discharge is located.
LICENSE #	DEP waste water discharge license number.
EXP. DATE	Expiration date of last DEP license issued for the facility.
FLOW(MGD)	Monthly average discharge flow limit, in millions of gallons per day, as approved in last DEP license issued for the facility.
TYPE	5K POTWs, less than 6,000 GPD, with no significant industrial waste 5L POTWs, 6,000 GPD to 5 million GPD, with no significant industrial discharge 5M POTWs, over 5 million GPD or with significant industrial waste 5T Municipal combined sewer overflow (CSO)
NOTES	Notes identify EPA major facilities, facilities with EPA-required pre-treatment program, facilities with surface or subsurface discharge, 301(h) waiver facilities (primary treatment only), toxics testing status (exempt or testing required), facilities with domestic waste water only discharge, CSO-only discharges; and special facility information (e.g., flow-related discharge limits, upgrade plans, need to move outfall location).
COMPLIANCE STATUS	Indicates if the facility was in Significant Non Compliance (SNC) or Exceptions List (EL) during the year. A blank space in this column indicates Substantial Compliance. For those facilities that were in SNC or EL a summary of the non compliance can be found in Appendices C and D.

Additional Information for Notes

1. Three type 5L licenses are for the discharge of treated landfill leachate. One facility (Brunswick) discharges to surface water, while the other two facilities (Freeport and Presque Isle) discharge through a land application system.
2. Two type 5L licenses (Milbridge and Southport-Squirrel Island) are for both surface water and subsurface discharges.
3. Five other type 5L licenses (Jackman, Mars Hill, North Berwick, Norway, and Thomaston) are limited to a seasonal surface water discharge. Thomaston is also licensed for a seasonal land application discharge.
4. All type 5L land application discharges are seasonal, except for Carrabassett and Rangeley, which are licensed to discharge "snowfluent" during the winter.
5. Type 5T licenses are for "stand alone" CSO facilities (that is, facilities that are not licensed as part of a municipal primary or secondary treatment facility).

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Treasures of the Sea, Inc.	Addison	W-007950	12/23/08	5P	Sea cucumber processing facility; 0.008 MGD process water discharge; production-based discharge limits; no discharge allowed July 1 to Sept 30	Exceptions List
Madison Paper Industries	Anson	W-008062	02/23/04	5R	Anson Hydro Project; 108,000 GPD non-contact cooling water	
Pioneer Plastics	Auburn	W-007876	09/24/06	5S	Manufacturer of high pressure decorative laminates, treated papers & specialty resins; 1.34 MGD non-contact cooling water	
American Tissue Mills of Maine, LLC	Augusta	W-000247	10/01/06	5N	De-ink paper mill (formerly Statler Industries); 6.0 MGD process water discharge; toxics testing required; EPA MAJOR FACILITY; facility currently shut down	
Department of Inland Fisheries & Wildlife	Augusta	W-002034	07/21/05	5Q	Governor Hill Fish Hatchery; 1.0 MGD process waste water discharge	
Domtar Maine Corp.	Baileyville	W-008072	03/08/04	5R	Woodland Hydro Project; 50,000 GPD non-contact cooling water; no monitoring required	
Domtar Maine Corp.	Baileyville	W-008073	03/08/04	5R	Grand Falls Hydro Project; 100,000 GPD non-contact cooling water; no monitoring required	
Domtar Maine Corporation	Baileyville (Woodland)	W-002766	05/17/01	5N	Kraft pulp and paper mill; 40 MGD process water, sanitary waste water, landfill leachate & storm water discharges; 5.6 MGD cooling & misc. storm water discharge; toxics testing required; thermal mixing zone approved; EPA MAJOR FACILITY	
Louisiana Pacific Corporation	Baileyville (Woodland)	W-000508	06/10/08	5R	Stud mill and oriented strand board mill; 15 MGD non-contact cooling water; 160,000 GPD boiler blowdown, softener backwash & cooling waters	
FPL Energy Maine Hydro	Baldwin	W-000582	02/05/04	5R	Hiram Hydro Project; 241,900 GPD non-contact cooling water; no monitoring required	
Webber Oil Company	Bangor	W-000767	06/02/05	5S	Fuel oil terminal/transfer facility; storm water discharge	
Town of Bar Harbor	Bar Harbor	W-001719	02/19/07	5V	Snow dump; discharge to Frenchman's Bay (tidal); no monitoring required	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Stinson Seafood Inc.	Bath	W-000798	10/02/05	5P	Fish processing facility; no licensed flow limit; production-based discharge limits	
Bath Iron Works	Bath	W-007958	04/27/06	5V	Snow dump; discharge to Kennebec River (tidal); no monitoring required	
City of Bath	Bath	W-007696	04/27/04	5V	Snow dump; discharge to Kennebec River (tidal); no monitoring required	
Bath Iron Works	Bath	W-000671	12/08/05	5R	Ship building facility; 0.84 MGD non-contact cooling water; misc. dry dock and ship discharges	Exceptions List
Carver Shellfish Inc.	Beals	W-007803	05/05/04	5P	Fish processing facility; 3000 GPD process lobster water discharge; 10,600 GPD sea cucumber process water discharge	
Penobscot Frozen Foods	Belfast	W-004897	07/10/07	5O	Potato processing facility; 100,000 GPD process water discharge; 75,000 GPD non-contact cooling water discharge	
Biddeford and Saco Water Company	Biddeford	W-002545	04/11/96	5S	Drinking water treatment facility; 80,000 GPD filter backwash water discharge	
West Point Stevens, Inc.	Biddeford	W-002790	10/01/06	5R	Textile mill (formerly West Point Pepperell); 110,000 GPD non-contact cooling water	
Maine Energy Recovery Company	Biddeford	W-006163	10/11/08	5R	Waste-to-energy incinerator; 93.6 MGD non-contact cooling water; thermal mixing zone approved	
University of New England	Biddeford	W-008109	06/27/05	5Q	Marine science and research center; 0.72 MGD treated marine lab and marine mammal rehabilitation center waste water	
The Mountain, Inc.	Big Moose Twp.	W-008148	10/24/07	5J	Commercial ski area; 11,000 GPD sanitary waste water discharge through lagoon/spray irrigation system; seasonal discharge only	
Bingham Hatchery, Inc.	Bingham	W-007577	08/24/01	5Q	Commercial salmon; 15.84 MGD process waste water discharge	
Vacationland Development, Inc.	Boothbay	W-003240	03/01/05	5J	Commercial campground (Little Ponderosa); 5200 GPD sanitary waste water discharge through lagoon/spray irrigation system; seasonal discharge only	
Town of Boothbay Harbor	Boothbay Harbor	W-007938	02/19/07	5V	Snow dump with discharge to Boothbay Harbor (tidal); no monitoring required	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Green Acres Mobile Home Park	Brewer	W-003601	03/21/05	5J	Commercial trailer park; 8,500 GPD sanitary waste water discharge through lagoon/spray irrigation system	
Eastern Fine Paper	Brewer	W-002522	05/03/06	5R	Paper mill; 6.39 MGD non-contact cooling water and 0.3 MGD intake filter backwash water discharges	
Camp Wildwood	Bridgton	W-007708	07/02/08	5J	Commercial campground; 8500 GPD sanitary waste water discharge through lagoon/spray irrigation system; seasonal discharge only	
Winona Inc.	Bridgton	W-006784	06/21/07	5J	Commercial campground (Winona Camp for Boys); 10,000 GPD sanitary waste water discharge through lagoon/spray irrigation system; seasonal discharge only	
Brunswick-Topsham Water District	Brunswick	W-002631	09/26/08	5S	Drinking water treatment facility; 80,000 GPD filter backwash discharge	Significant Non Compliance
FPL Energy Maine Hydro	Brunswick	W-000571	02/18/04	5R	Brunswick Hydro Project; 520,000 GPD non-contact cooling water; no monitoring required	
Webber Tanks, Inc.	Bucksport	W-002566	03/08/05	5S	Fuel oil terminal/transfer facility; storm water discharge	
Champion International	Bucksport	W-000598	06/20/01	5N	Pulp and paper mill; 18 MGD process water discharge; 72.0 MGD cooling water discharge from co-gen facility; toxics testing required; EPA MAJOR FACILITY	
C.H. Sprague & Son, Inc.	Bucksport	W-002563	02/22/05	5S	Fuel oil terminal/transfer facility; storm water discharge	
FPL Energy Maine Hydro	Buxton	W-000578	02/05/04	5R	Skelton Hydro Project; 859,000 GPD non-contact cooling water; no monitoring required	
Town of Camden	Camden	W-007822	10/03/05	5V	Snow dump; discharge to lower Megunticook River and Camden Harbor (tidal); no monitoring required	
Air Force Base Conversion Agency	Caribou	W-007926	02/05/01	5S	Drinking water treatment facility; 8,000 GPD filter backwash discharge; previously licensed with Loring ABF sanitary waste water discharge (W-006654)	
Caribou Utilities District	Caribou	W-006209	09/19/89	5S	Drinking water treatment facility; 20,000 GPD filter backwash discharge from freeze-thaw alum lagoons	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
WPS New England Generation, Inc.	Caribou	W-000638	03/02/04	5R	Caribou Generating Station (formerly Maine Public Service); 29.82 MGD non-contact cooling water & boiler blowdown water discharges from oil-fired steam plant (currently mothballed); 1.2 MGD non-contact cooling water discharge from diesel-fired plant (used for emergency generation only)	Significant Non Compliance
Department of Inland Fisheries & Wildlife	Casco	W-002038	07/21/05	5Q	Casco Fish Hatchery; 2.9 MGD process waste water discharge	
Jasper Wyman & Sons	Cherryfield	W-000645	09/07/98	5P	Blueberry processing facility; 0.1 MGD process water discharge to Narraguagus River; 0.27 MGD non-contact cooling water discharge; 3000 GPD sanitary waste water discharge (to be renewed as an OBD); also licensed for disposal of process waste water to 10 acre spray irrigation site in Milbridge	Significant Non Compliance
Cherryfield Foods, Inc.	Cherryfield	W-006234	06/11/96	5P	Blueberry processing facility; 0.05 MGD process water discharge to Narraguagus River; 0.1 MGD non-contact cooling water discharge; 2250 GPD sanitary waste water discharge (to be renewed as an OBD); also licensed is disposal of 0.036 MGD of process waste water to spray irrigation sites in Columbia (Site #1-10 acres, Site #2-16 acres) & Milbridge (33 acres)	
US Navy-Naval Communication Unit	Cutler	W-003318	12/22/05	5R	Electrical Generating plant (emergency power); 1.584 MGD non-contact cooling water; misc. stormwater, boiler blowdown and contact cooling water discharges	Exceptions List and Significant Non Compliance
Lake Pemaquid Inc.	Damariscotta	W-003271	06/06/08	5J	Commercial campground; 29,092 GPD sanitary waste water discharge through lagoon/spray irrigation system; seasonal discharge only	
Jasper Wyman & Sons	Deblois	W-007847	12/31/06	5P	Blueberry processing facility; disposal of process waste water to 15 acre spray irrigation site	
Connors Aquaculture (Heritage Salmon)	Deblois	W-002028	07/30/97	5Q	Commercial salmonid hatchery/smolt production facility; 5.04 MGD process waste water discharge; currently shut down	Significant Non Compliance

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Wyonegonic Camps	Denmark	W-007602	06/21/07	5J	Commercial campground; 7000 GPD sanitary waste water discharge through lagoon/spray irrigation system; seasonal discharge only	
Dover-Foxcroft Water District	Dover-Foxcroft	W-007330	04/18/08	5S	Drinking water treatment facility; 25,000 GPD filter backwash discharge	Exceptions List
Connors Aquaculture (Heritage Salmon)	East Machias	W-007149	08/24/01	5Q	Commercial salmonid hatchery/smolt production facility; 10.08 MGD process waste water discharge	Exceptions List
Katahdin Paper, LLC	East Millinocket	W-002228	03/28/95	5N	Pulp and paper mill; 33 MGD process water discharge (includes 0.47 MGD municipal waste water from Town of East Millinocket); 26 MGD non-contact cooling water discharge; misc. filter backwash and floor drain discharges; toxics testing required; EPA MAJOR FACILITY	
Great Lakes Hydro America, LLC	East Millinocket	W-008076	03/09/09	5R	East Millinocket Hydro Project; 30,240 GPD non-contact cooling water; no monitoring required	
Great Lakes Hydro America, LLC	East Millinocket	W-008077	03/09/09	5R	Dolby Hydro Project; 364,320 GPD non-contact cooling water; no monitoring required	
Engelhard Corp.	Eastport	W-001553	04/18/08	5O	Pearl essence production facility (formerly Mearl Corp.); 0.02 MGD process water discharge; toxics testing required	Significant Non Compliance
Connors Aquaculture	Eastport	W-001552	08/25/87	5P	Fish processing plant (formerly Ocean Products); 0.15 MGD process water discharge; 0.225 MGD fish pumping water, refrigerated seawater & clean-up water discharge; 2000 GPD sanitary waste water discharge (scheduled to be connected to City sewer in spring of 1997)	
Green Lake National Fish Hatchery	Ellsworth	W-000721	08/24/01	5Q	Federal salmonid hatchery; 19.4 MGD process waste water discharge	Significant Non Compliance
Patten Pond KOA	Ellsworth	W-003294	06/26/06	5J	Commercial campground; 15,000 GPD sanitary waste water discharge through facultative lagoon system; seasonal discharge only	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Penobscot Hydro, LLC	Ellsworth	W-008065	03/08/04	5R	Ellsworth Hydro Project; 200,160 GPD non-contact cooling water; no monitoring required	
Department of Inland Fisheries & Wildlife	Embden	W-002029	07/21/05	5Q	Embden Fish Rearing Station; 4.75 MGD process waste water discharge	
Atlantic Salmon of Maine, LLC	Embden	W-007608	08/26/01	5Q	Commercial salmonid hatchery; 17.28 MGD process waste water discharge; facility currently shut down	Exceptions List
FPL Energy Maine Hydro	Embden	W-000574	02/22/04	5R	Williams Hydro Project; 756,000 GPD non-contact cooling water; no monitoring required	
Department of Inland Fisheries & Wildlife	Enfield	W-002032	07/21/05	5Q	Enfield Fish Hatchery; 4.75 MGD process waste water discharge	
Indeck Power Oversees Ltd.	Enfield	W-006116	09/12/08	5S	Wood fired generating facility (formerly Babcock Ultrapower); 150,000 GPD cooling tower blowdown water; 36,000 GPD filter backwash water; 1,000 GPD building drain water, sump water & stormwater discharges	
Bangor-Pacific Hydro Associates	Enfield	W-007529	03/08/04	5R	West Enfield Hydro Project; 404,000 GPD non-contact cooling water; no monitoring required	
Ridgewood Maine Hydro Partners	Eustis	W-008080	02/23/04	5R	Eustis Hydro Project; 7,200 GPD non-contact cooling water; no monitoring required	
Boralex Fort Fairfield, Inc.	Fort Fairfield	W-007365	04/23/06	5O	Wood fired generating facility (formerly Aroostook Valley Electric Co.); 68,160 GPD non-contact cooling water, boiler blowdown water, water treatment & ion exchange backwash water	
Agvest Inc.	Franklin	W-007755	08/23/96	5P	Blueberry processing facility; disposal of process waste water to 7 acre spray irrigation site	
University of Maine—Center for Cooperative Aquacultural Research	Franklin	W-007642	12/20/05	5Q	Aquaculture research facility (formerly Penobscot salmon Company); 0.288 MGD process waste water discharge	Significant Non Compliance
Gardiner Water District	Gardiner	W-000953	05/01/08	5S	Drinking water treatment facility; 52,000 GPD filter backwash discharge	
Ridgewood Maine Hydro Partners	Gardiner	W-008081	02/23/04	5R	American Tissue Hydro Project; 7,200 GPD non-contact cooling water; no monitoring required	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Stinson Seafood, Inc.	Gouldsboro	W-000791	12/28/06	5P	Sardine packing facility; 318,000 GPD process waste water discharge	
Department of Inland Fisheries & Wildlife	Grand Lake Stream Plt.	W-002037	07/21/05	5Q	Grand Lake Stream Fish Hatchery; 2.88 MGD process waste water discharge	
Department of Inland Fisheries & Wildlife	Gray	W-002031	07/21/05	5Q	Dry Mills Fish Hatchery; 1.89 MGD process waste water discharge	
Cold Brook Energy	Hampden	W-000563	11/08/06	5S	Fuel oil terminal/transfer facility (formerly Texaco Inc.); storm water discharge	
Hancock Foods	Hancock	W-003145	05/25/98	5P	Blueberry processing facility; 0.025 MGD process water discharge to tributary of Card Brook; also licensed for disposal of process waste water to 30 acre spray irrigation site	
Merrill Blueberry Farms	Hancock	W-007792	03/24/99	5P	Blueberry processing facility; disposal of process waste water to 11 acre spray irrigation site	
Roderick Dyer	Harrison	W-008124	06/18/07	5J	Subsurface disposal of 1800 GPD treated septage leachate	
Irving Tanning Company	Hartland	W-001915	06/04/04	5R	Leather tanning facility; 500,000 GPD non-contact vacuum drying cooling water	
Elaine Currier (d/b/a Fuller Road Trailer Park)	Hermon	W-007690	12/20/07	5J	Commercial trailer park; 4,500 GPD seasonal sanitary waste water discharge through lagoon/spray irrigation system	
FPL Energy Maine Hydro	Hollis	W-000581	02/05/04	5R	Bar Mills Hydro Project; 67,000 GPD non-contact cooling water; no monitoring required	
A.E. Staley Manufacturing Inc.	Houlton	W-000940	06/26/08	5N	Starch processing facility; 0.04 MGD seasonal process water discharge to Meduxnekeag River; 0.05 MGD non-contact cooling water discharge; also licensed for disposal of process waste water to 30 acre spray irrigation site; EPA MAJOR FACILITY	
Penobscot Hydro, LLC	Howland	W-008064	03/08/04	5R	Howland Hydro Project; 1,440 GPD non-contact cooling water; no monitoring required	
FPL Energy Maine Hydro	Indian Stream Twp.	W-000572	02/22/04	5R	Indian Pond Hydro Project; 4.23 MGD non-contact cooling water; no monitoring required	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
National Starch and Chemical Corp.	Island Falls	W-002620	06/06/07	5O	Starch manufacturing facility; 0.12 MGD process water discharge; toxics testing required	
International Paper	Jay	W-000623	03/01/99	5N	Kraft pulp and paper mill; 51 MGD discharge of process water, sanitary waste water, contact and non-contact cooling waters, landfill leachate, and stormwater; license also includes non-contact cooling water discharges from Riley, Jay, and Livermore Falls Hydro Stations; toxics testing required; EPA MAJOR FACILITY	
Moosabec Mussels, Inc.	Jonesport	W-008152	05/21/08	5P	Shellfish processing facility; 24,500 GPD process water discharge	
The Pier	Jonesport	W-007888	07/12/01	5P	Sea cucumber processing facility; 15,000 GPD process water discharge	
Paul Pray d/b/a Country Mobile Home Park	Kenduskeag	W-003618	12/31/07	5J	Commercial mobile home park; 8700 GPD sanitary waste water discharge through facultative lagoons	
Watts Fluidair	Kittery	W-005147	01/29/06	5R	Manufacturer of compressed air filters, regulators and lubricators; 103,000 GPD non-contact cooling water, boiler blowdown water, and treated groundwater from groundwater remediation project	Exceptions List
Portsmouth Naval Shipyard	Kittery	W-003445	12/08/05	5R	Submarine repair & overhaul facility; 33 MGD non-contact condenser & compressor cooling water; misc. dry dock dewatering water & stormwater discharges	
FPL Energy Maine Hydro	Lewiston	W-007658	02/18/04	5R	Lewiston Falls Hydro Project; 432,000 GPD non-contact cooling water; no monitoring required	
DEP- Division of Environmental Assessment	Limerick	W-008156	12/31/2004	5U	Aquatic herbicide treatment of Pickerel Pond to control invasive hydrilla verticillata	
Ledgemere Hydro, LLC	Limerick	W-008059	02/05/04	5R	Ledgemere Hydro Project; 22,320 GPD non-contact cooling water; no monitoring required	
Lincoln Pulp and Paper	Lincoln	W-000381	01/23/02	5N	Kraft pulp and paper mill; 16.3 MGD process water; 3.0 MGD non-contact cooling water; toxics testing required; tiered discharge limits based on production; toxics testing required; EPA MAJOR FACILITY	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Aziscohos Hydro Company	Lincoln Plt.	W-007582	02/18/04	5R	Aziscohos Hydro Project; 270,000 GPD non-contact cooling water; no monitoring required	
Masonite Corp.	Lisbon	W-002520	01/04/05	5S	Fiber board manufacturing facility (formerly Wood Fiber Industries; formerly U.S. Gypsum); 3.0 MGD non-contact cooling water	
Miller Hydro Group	Lisbon	W-007590	02/18/04	5R	Worumbo Hydro Project; 1.015 MGD non-contact cooling water; no monitoring required	
Miller Industries, Inc.	Lisbon	W-001820	05/17/05	5R	Worumbo Textile Mill; 10,000 GPD non-contact cooling water (intermittent discharge); no monitoring required	
Maine Electronics	Lisbon	W-007759	02/02/04	5S	Decommissioned circuit board manufacturing facility; 72,000 GPD discharge from DEP-approved groundwater remediation project. Discharge currently goes to Lisbon POTW	
Consumers Maine Water Company	Moosehead Jct. Twp.	W-008087	09/21/04	5S	Drinking water treatment facility; 6,000 GPD filter backwash discharge to sub-surface treatment system	
Northeast Empire Ltd. Partnership	Livermore Falls	W-007705	12/28/05	5O	Wood fired generation facility; 138,000 GPD cooling tower blowdown water; 10,000 GPD ion-exchange water treatment system backwash waters; misc. floor drain & stormwater discharges	
Otis Hydroelectric Co.	Livermore Falls	W-008067	02/18/04	5R	Otis Hydro Project; 14,400 GPD non-contact cooling water; no monitoring required	
Taka International Corp.	Lubec	W-008161	10/16/08	5P	Sea cucumber processing facility; 8,000 GPD process water discharge	
Maine Wild Blueberry Company	Machias	W-006137	11/15/06	5R	Blueberry processing facility; 70,000 GPD non-contact cooling water	
Atlantic Salmon of Maine	Machiasport	W-007951	02/25/02	5P	Salmon processing facility; 0.021 MGD process water discharge	
Atlantic Salmon of Maine Limited Liability Company	Machiasport	W-007756	06/13/99	5P	Salmon processing facility; 0.012 MGD process water discharge	

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NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Fraser Paper	Madawaska	W-002727	04/22/04	5N	Pulp and paper mill; 25 MGD discharge of process water, landfill leachate water, non-contact cooling water, filter backwash water, and stormwater; toxics testing required; EPA MAJOR FACILITY	
Madawaska Water District	Madawaska	W-002562	11/14/89	5S	Drinking water treatment facility; 30,000 GPD filter backwash discharge; sedimentation basin cleaning waste water discharge	
Madison Paper Industries	Madison	W-002006	06/27/06	5S	Pulp & paper mill; 8.8 MGD vacuum seal and non-contact cooling water and 2.0 filter backwash water discharges; all process and sanitary waste waters go to Anson-Madison POTW	
Madison Paper Industries	Madison	W-008063	02/23/04	5R	Abenaki Hydro Project; 129,600 GPD non-contact cooling water; no monitoring required	
Freshway, Inc.	Mars Hill	W-007949	01/31/02	5P	Potato processing facility; disposal of process waste water through lagoon/spray irrigation and snowfluent systems	
WPS New England Generation, Inc.	Masardis	W-008069	02/05/03	5R	Squa Pan Hydro Project; 4,800 GPD non-contact cooling water; no monitoring required	
Great Lakes Hydro America, LLC	Mattawamkeag	W-008075	03/09/09	5R	Mattaceunk Hydro Project; 144,000 GPD non-contact cooling water; no monitoring required	
Lawrence Ray Fishing Industries	Milbridge	W-007894	07/12/01	5P	Sea cucumber processing facility; 15,000 GPD process water	
Penobscot Hydro, LLC	Milford	W-002570	03/08/04	5R	Milford Hydro Project; 18,000 GPD non-contact cooling water; no monitoring required	
Daaquam Maine Inc.	Milford	W-002525	04/14/04	5O	Sawmill (Costigan Mill) (formerly Champion Paper); 13,650 GPD non-contact cooling water, boiler blow-down and filter backwash discharge; facility currently shut down	

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(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Katahdin Paper, LLC	Millinocket	W-002227	08/01/99	5N	Pulp and paper mill; 43 MGD process water discharge; 85 MGD non-contact condenser cooling water discharge; 15 MGD bearing and pump cooling water discharge; misc. stormwater discharge; toxics testing required; thermal mixing zone approved; EPA MAJOR FACILITY; facility currently shut down	
Unity College	Milo	W-001718	11/10/04	5Q	Salmonid hatchery/fish research facility; 14.4 MGD process water discharge; facility not yet built	
Tex-Tech Industries	Monmouth	W-000631	06/21/04	5R	Textile mill; 85,000 GPD non-contact cooling water	
FPL Energy Maine Hydro	Moscow	W-000573	02/22/04	5R	Wyman Hydro Project; 993,000 GPD non-contact cooling water; no monitoring required	
Camp Laurel	Mount Vernon	W-003269	11/07/07	5J	Commercial campground; 30,000 GPD sanitary waste water discharge through lagoon/spray irrigation system; seasonal discharge only	
Irving Forest Products Inc.	Nashville Plt.	W-007883	09/01/00	5S	Sawmill (Pinkham Lumber Company); 6500 GPD debarking hot pond water & boiler blowdown water discharge through infiltration/evaporation lagoon	
Department of Inland Fisheries & Wildlife	New Gloucester	W-002030	07/21/05	5Q	New Gloucester Fish Rearing Ponds; 3.0 MGD process waste water discharge	
New Sharon Water District	New Sharon	W-007693	09/04/96	5S	Drinking water treatment facility; 15,000 gallons per month filter backwash discharge	
United Technologies /Pratt & Whitney	North Berwick	W-002749	03/15/07	5N	Manufacturer of turbo fan jet engine components; 50,000 GPD process water discharge; toxics testing required; EPA MAJOR FACILITY	
Town of North Haven	North Haven	W-008142	06/18/07	5S	Drinking water treatment facility; 2000 GPD filter backwash discharge	
Messalonskee Stream Hydro LLC	Oakland	W-000577	02/22/04	5R	Rice Rips (M3) Hydro Project; 26,900 GPD non-contact cooling water; no monitoring required	
Messalonskee Stream Hydro LLC	Oakland	W-000585	02/22/04	5R	Oakland (M2) Hydro Project; 48,000 GPD non-contact cooling water; no monitoring required	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Fort James Operating Company	Old Town	W-002226	02/11/99	5N	Kraft pulp and paper mill (formerly James River Corp.); 24.4 MGD discharge of process water and treated landfill leachate water; 3.0 MGD non-contact cooling water/steam condensate discharge; misc. filter backwash and hydro station cooling waters; toxics testing required; EPA MAJOR FACILITY	
Old Town Water District	Old Town	W-007706	10/09/96	5S	Drinking water treatment facility; 21,000 GPD filter backwash discharge	Exceptions List
PP&L Great Works, LLC	Old Town	W-008068	03/08/04	5R	Great Works Hydro Project (formerly Fort James Corp.); 88,560 GPD non-contact cooling water; no monitoring required	
G.M. Allen & Sons	Orland	W-007791	02/28/00	5P	Blueberry processing facility; disposal of process waste water to 3 spray irrigation sites totaling 15 acres	
Craig Brook National Fish Hatchery	Orland	W-001285	08/24/01	5Q	Federal salmonid hatchery; 2.1 MGD process waste water discharge	
Balsam Cove Campground	Orland	W-007874	06/24/07	5J	Commercial campground; 3700 GPD sanitary waste water discharge through lagoon/spray irrigation system; seasonal discharge only	
Orono-Veazie Water District	Orono	W-007954	12/19/01	5S	Drinking water treatment facility; 29,500 GPD filter backwash discharge	
University of Maine	Orono	W-008153	03/28/08	5S	Intermittent discharge of up to 30,000 GPD filter backwash water from Univeristy swimming pool	
Holtrachem Manufacturing Co.	Orrington	W-001048	12/31/03	5N	Chemical (chlorine) manufacturing facility (formerly LCP Chemicals); 0.15 MGD process water discharge; toxics testing required; EPA MAJOR FACILITY; facility currently shut down	
Penobscot Energy Recovery Co.	Orrington	W-006893	03/18/04	5O	Refuse fired generating facility; 22,500 GPD non-contact cooling water; boiler blowdown water, demineralizer regeneration water, ash handling water & baghouse scrubber wash water	
Robinson Manufacturing Co.	Oxford	W-000612	12/16/08	5N	Textile mill; 0.5 MGD process water and sanitary waste water discharge; 200,000 GPD non-contact cooling water discharge; toxics testing required; EPA MAJOR FACILITY	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Department of Inland Fisheries & Wildlife	Palermo	W-002035	07/21/05	5Q	Palermo Fish Rearing Station; 3.9 MGD process waste water discharge	
Kezar Falls Hydro LLC	Parsonsfield (Kezar Falls)	W-008060	02/05/04	5R	Kezar Falls Hydro Project; 22,320 GPD non-contact cooling water; no monitoring required	
Robinson Manufacturing Co.	Parsonsfield (Kezar Falls)	W-000920	03/12/07	5R	Textile mill; 75,000 GPD non-contact cooling water; no monitoring required	
Passamaquoddy Water District	Perry	W-007568	03/09/93	5S	Drinking water treatment facility; 75,000 GPD filter backwash discharge	
Department of Inland Fisheries & Wildlife	Phillips	W-002036	07/21/05	5Q	Phillips Fish Rearing Station; 0.28 MGD process waste water discharge	
Sebasco Harbor Resort	Phippsburg	W-007987	10/20/08	5S	Drinking water treatment facility; 2,500 GPD filter backwash discharge	
Sea Run Inc.	Pierce Pond Township	W-000905	04/19/90	5Q	Commercial fish hatchery and rearing station; 1.5 MGD process waste water discharge	
Soil Preparation, Inc.	Plymouth	W-007882	07/02/08	5J	Septage dewatering and composting facility; 20,000 GPD discharge of treated septage through lagoon/spray irrigation system	
I.S.F. Trading Company	Portland	W-007808	02/06/00	5P	Sea urchin and shrimp processing facility; 0.106 MGD process water discharge; production-based discharge limits	
City of Portland	Portland	W-007871	05/03/05	5V	Snow dump; discharge to Fore River (tidal); no monitoring required	
Heritage Acquisition Corp.	Portland	W-000980	12/07/03	5R	Baked bean processing facility (formerly Burnham & Morrill); 525,000 GPD non-contact cooling water	
Golden Gate Park	Presque Isle	W-008159	05/28/08	5J	Commercial mobile home park; 44,000 GPD sanitary waste water discharge through combination spray irrigation/snowfluent system	
McCain Foods, Inc.	Presque Isle	W-008085	07/22/04	5N	Potato processing facility; 4.0 MGD process water and sanitary waste water; toxics testing required; EPA MAJOR FACILITY	
Presque Isle Water District	Presque Isle	W-002618	05/02/00	5S	Drinking water treatment facility; 180,000 GPD filter backwash discharge	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Atlantic Salmon Maine, Inc.	Rangeley	W-004701	12/12/91	5Q	Commercial salmon hatchery; 15.5 MGD process waste water discharge; facility scheduled to shut down in the spring of 2004	
FMC Biopolymer	Rockland	W-001999	08/13/07	5R	Carageenan manufacturing facility; 15.5 MGD contact and non-contact cooling water discharge	
Town of Rockland	Rockland	W-007939	02/19/07	5V	Snow dump; discharge to Rockland Harbor (tidal); previously included in Rockland POTW license; no monitoring required	
Town of Rockport	Rockport	W-008134	12/21/06	5V	Snow dump; discharge to Rockport Harbor (tidal); no monitoring required	
Mead Oxford Corp.	Rumford	W-000955	06/01/00	5N	Kraft pulp and paper mill (formerly Boise Cascade); 34 MGD process water & landfill leachate water discharge; 17 MGD non-contact cooling water discharge; 30 MGD cooling water discharge from co-gen facility; toxics testing required; thermal mixing zone approved; EPA MAJOR FACILITY	
Rumford Falls Power Co.	Rumford	W-008083	02/18/04	5R	Rumford Falls Hydro Project; 145,000 GPD non-contact cooling water; no monitoring required	
FPL Energy Maine Hydro	Saco	W-000584	02/05/04	5R	Cataract Hydro Project; 300,000 GPD non-contact cooling water; no monitoring required	
CYRO Industries	Sanford	W-001914	10/02/05	5R	Plastics manufacturing facility; 300,000 GPD non-contact cooling water	
Bayley's Quality Seafood	Scarborough	W-000990	08/13/07	5P	Shellfish processing facility; 49,490 GPD shrimp and clam processing and cleanup water discharge	
General Alum New England Corp.	Searsport	W-002530	03/05/02	5S	Industrial chemical manufacturer (formerly Delta Chemicals); 2600 GPD non-contact cooling water discharge; 2200 GPD boiler blowdown, backwash water, and storm water discharges	
Irving Oil Terminals, Inc.	Searsport	W-000942	03/03/05	5S	Fuel oil terminal/transfer facility; storm water discharge	Exceptions List
Irving Oil Corp.	Searsport	W-001373	03/03/05	5S	Fuel oil terminal/transfer facility; storm water discharge; 2 separate outfalls	Significant Non Compliance
C.H. Sprague & Son, Inc.	Searsport	W-002564	02/22/05	5S	Fuel oil terminal/transfer facility; storm water discharge	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
S. D. Warren-Somerset Plant	Fairfield	W-000385	09/12/08	5N	Kraft pulp and paper mill; 46.5 MGD discharge of process water, sanitary waste water, non-contact cooling water, treated landfill leachate water, and treated residuals storage pad leachate water; toxics testing required; EPA MAJOR FACILITY	
FPL Energy Maine Hydro	Skowhegan	W-000583	02/22/04	5R	Weston Hydro Project; 720,000 GPD non-contact cooling water; no monitoring required	
Camp Matoaka, Inc.	Smithfield	W-006097	12/08/05	5J	Commercial summer camp; 18,000 GPD sanitary waste water discharge through lagoon/spray irrigation system; seasonal discharge only	
Thomas Massey Ltd.	South Bristol	W-007095	07/29/07	5P	Shellfish processing facility (formerly Maine Mariculture); 22,500 GPD washing and cooking water discharge	
Portland Pipeline Corporation	South Portland	W-002651	01/17/06	5S	Fuel oil terminal/transfer facility; storm water discharge	
Clean Harbors Environmental Services, Co.	South Portland	W-000647	10/27/04	5S	Fuel oil terminal/transfer facility; storm water discharge	
Gulf Oil Corp.	South Portland	W-000737	06/02/05	5S	Fuel oil terminal/transfer facility (formerly Catamount Petroleum); storm water discharge	
ExxonMobil Oil Corporation	South Portland	W-002653	01/01/09	5S	Fuel oil terminal/transfer facility; storm water discharge and treated tank bottom discharge water	
Sprague Energy Corp.	South Portland	W-000886	12/21/06	5S	Fuel oil terminal/transfer facility (formerly B.P. Oil); storm water discharge	
Motiva Enterprises LLC	South Portland	W-000637	06/06/05	5S	Fuel oil terminal/transfer facility (formerly Star Enterprises); storm water discharge	
Global Companies, LLC	South Portland	W-002565	01/17/06	5S	Fuel oil terminal/transfer facility (formerly Northeast Petroleum); storm water discharge	Exceptions List
Great Eastern Mussel Farms Inc.	St. George	W-003993	07/10/07	5P	Shellfish washing and packing facility; 0.72 MGD process water discharge	Exceptions List

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
First Technology/ Control Devices, Inc.	Standish	W-000643	07/17/06	5N	Manufacturer of thermoprotectors and ceramic positive temperature coefficient thermistors & resonators (formerly GTE); 0.020 MGD process water and non-contact cooling water discharge; toxics testing required; EPA MAJOR FACILITY	
Island Aquaculture Company Inc. (Swan's Island Salmon)	Swans Island	W-007794	11/22/98	5P	Salmonid, crab, lobster & sea urchin processing facility (formerly Town of Swans Island); ~0.011 MGD process water discharge; seasonal discharge only	Exceptions List
Island Aquaculture Company Inc.	Swans Island	W-008174	10/16/08	5Q	Salmon and cod aquaculture facility (Toothacher Cove site)	
Great Lakes Hydro America, LLC	T3 Indian Purchase	W-008078	03/09/09	5R	North Twin Hydro Project; 36,000 GPD non-contact cooling water; no monitoring required	
Great Lakes Hydro America, LLC	T3 R11	W-008079	03/09/09	5R	Ripogenus Hydro Project; 691,200 GPD non-contact cooling water; no monitoring required	
Brassua Hydro Limited Partnership	Taunton & Raynham Twp.	W-008054	12/16/08	5R	Brassua Hydro Project; 14,400 GPD non-contact cooling water; no monitoring required	
Topsham Hydro Partners	Topsham	W-008058	02/18/04	5R	Pejepscot Hydro Project; 349,920 GPD non-contact cooling water; no monitoring required	
DeCoster Egg Farms	Turner	W-001494	04/03/05	5R	Chicken egg hatchery; 7,000 GPD non-contact cooling water	
Quality Egg of New England	Turner	W-008094	03/14/05	5O	Commercial egg production facility; 19,500 GPD egg wash water and sanitary waste water; discharge through facultative lagoon/spray irrigation system to 3 spray sites totalling 68 acres	
Casco Bay Energy Co., L.C.C.	Veazie	W-008016	11/10/08	5O	Combined cycle natural gas-fired generating facility (Maine Independence Station); 1.96 MGD filter backwash water, demineralization water, cooling tower blowdown water, and boiler blowdown water	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Penobscot Hydro, LLC	Veazie	W-002568	03/09/04	5R	Veazie Hydro Project; 60,550 GPD non-contact cooling water; no monitoring required	
Town of Vinalhaven	Vinalhaven	W-002927	10/30/06	5P	Seafood processing facility; 0.050 MGD process water discharge	
Osram Sylvania	Waldoboro	W-000714	09/18/06	5N	Light bulb filament manufacturing facility (formerly GTE Products); 0.05 MGD process water discharge; 36,000 GPD treated groundwater discharge; toxics testing required; EPA MAJOR FACILITY	
Waterways, Inc.	Waterboro	W-008129	09/25/06	5S	Commercial car wash facility; 700 GPD wash water discharge to subsurface treatment system	
Maine Central Railroad	Waterville	W-006634	01/11/06	5O	Railroad locomotive and railcar repair facility; process waste water & storm water discharges	
S.D. Warren	Westbrook	W-002224	07/02/07	5N	Paper mill; 15 MGD process water and filter backwash water discharge; 12 MGD non-contact cooling water discharge; toxics testing required; thermal mixing zone approved; EPA MAJOR FACILITY	
UAH-Hydro Kennebec Ltd. Partnership	Winslow	W-007579	02/23/09	5R	Hydro Kennebec Project; 232,000 GPD non-contact cooling water; no monitoring required	
Dorothy Egg Farm	Winthrop	W-008103	07/14/05	5P	Commercial egg production facility; 2,000 GPD egg wash and sanitary waste water discharge to subsurface treatment system	
Town of Wiscasset	Wiscasset	W-007711	10/27/04	5V	Snow dump; discharge to Sheepscot River (tidal); no monitoring required	
Maine Yankee Atomic Power Co.	Wiscasset	W-000746	04/13/06	5R	Nuclear power plant; EPA MAJOR FACILITY; facility currently being decommissioned; 24,000 GPD misc. discharges; 400,000 GPD one-time discharge of radiological shielding water during 2001; 425,000 GPD one-time discharge of spent nuclear fuel pool water during 2003	

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2003 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
FPLE Mason LLC	Wiscasset	W-000599	11/04/08	5R	Mason Station (fossil fuel-fired generating facility); 111.0 MGD non-contact cooling water; 0.648 MGD ash hopper seal water; 0.03 MGD deaerator overflow water; 0.212 MGD treatment pond lagoon waste water; misc. roof and floor drain waters; toxics testing required	
Bath Water District	Woolwich	W-008140	06/17/07	5S	Drinking water treatment facility; 283,000 GPD filter backwash discharge	
FPLE Wyman LLC	Yarmouth	W-000634	09/03/08	5R	W.F. Wyman Station (fossil fuel fired generating facility); 530 MGD non-contact cooling water; 5.0 MGD intake backwash water; 8.4 MGD boiler blowdown, ash transport, and ash hopper seal waters, regeneration water, and misc. floor drain and stormwater discharges; EPA MAJOR FACILITY; toxics testing required	
The Goldenrod	York	W-002862	06/28/05	5R	Restaurant & candy factory; seasonal discharge of 20,000 GPD non-contact cooling water; no monitoring required	

TOTAL LICENSED NON-POTW DISCHARGES: 202

APPENDIX B

KEY TO COLUMN HEADINGS

LICENSEE	Name of license holder.
LOCATION	Municipality in which discharge is located.
LICENSE #	DEP waste water facility/license number.
EXP. DATE	Expiration date of last DEP license issued for the facility.
TYPE	5J Sanitary wastewater, commercial source 5N Major industrial facility--process wastewater discharge 5O Minor industrial facility--process wastewater discharge 5P Food handling or packaging wastewater 5Q Fish rearing facility 5R Non-contact cooling water 5S Industrial/Commercial source--miscellaneous or incidental non-process wastewater 5U Aquatic pesticide application 5V Snow dump 5X Log storage permit 5Z Experimental discharge license

COMPLIANCE STATUS Indicates if the facility was in Significant Non Compliance (SNC) or Exceptions List (EL) during the year. A blank space in this column indicates Substantial Compliance. For those facilities that were in SNC or EL a summary of the non compliance can be found in Appendices C and D.

NOTES Notes identify type of facility, volume and type of license discharge(s), facilities for which toxics testing is required, discharges for which a thermal mixing zone has been approved, seasonal-only discharges, special facility information, and EPA major facilities.

- The fifteen type 5J licenses break down as follows: nine are for seasonal discharges from commercial campgrounds/summer camps; three are for discharges from trailer parks; one is for a seasonal discharge from a ski area; one is for a seasonal discharge from a septage dewatering and composting facility; and one is for the year-round subsurface discharge of treated septage leachate.
- The following five licenses are for both surface water and seasonal land application discharges: A.E. Staley—Houlton (type 5N); Jasper Wyman—Cherryfield (type 5P); Cherryfield Foods—Cherryfield (type 5P); Hancock Foods—Hancock (type 5P); McCain Foods—Washburn (type 5P).
- The following four licenses include approvals for thermal mixing zones: Georgia-Pacific—Baileyville (type 5N); Great Northern Paper—Millinocket (type 5N); Mead Paper—Rumford (type 5N); S.D. Warren—Westbrook (type 5N).
- The following eleven licensed facilities are currently shut down or are not discharging: American Tissue Mills—Augusta (type 5N); McCain Foods—Easton (type 5P); Holtrachem—Orrington (type 5N); D.E. Salmon Co.—Lubec (type 5P); R.J. Peacock Canning—Lubec (type 5P); I.S.F. Trading—Portland (type 5P); International Paper (Costigan Mill)—Milford (type 5Q); Unity College—Milo (type 5Q); Maine Electronics—Lisbon (type 5S); McCain Foods—Washburn (type 5P); Waterways, Inc.—Waterboro (type 5S).
- The following three facilities are licensed for the discharge of treated groundwater from a groundwater remediation project: Osram Sylvania—Waldoboro (type 5N); Watts Fluidair—Kittery (type 5R); Maine Electronics—Lisbon (type 5S).
- All land application discharges are seasonal, except for Freshway—Mars Hill (type 5P), which is licensed to discharge “snowfluent” during the winter.
- In 2001, all eight fuel oil terminals/transfer facilities in South Portland were changed from major to minor status.

APPENDIX C

FACILITIES ON THE EXCEPTIONS LIST (EL) CALENDAR YEAR 2003

Facility	Parameter(s)	Status (EL)*
Atlantic Salmon - Embden	Ammonia	3 rd Quarter
Actions The Department is currently in the process of evaluating the appropriateness of the current ammonia limit as part of larger project to evaluate the regulation of fish hatcheries. This facility is inactive as of February 1, 2004.		
Bath	Suspended Solids	3 rd Quarter
Actions Bath has been experiencing some problems with their chemical feed pumping system coupled with some wet weather flow problems. The Department recently performed a technical assistance visit. Results are being tracked.		
Bath Iron Works	Flow	1 st Quarter
Actions Enforcement staff has issued a NOV for these violations. The violations at outfall #007 were caused by operator error. However the violations from outfall #005 were caused by equipment inadequacies that are currently being resolved by BIW.		
Calais	BOD, TSS	1 st Quarter
	Suspended Solids	1 st , 2 nd , 3 rd , & 4 th Quarter
Actions Enforcement staff have negotiated a consent agreement for past violations at this facility.		

* The Status column indicates the quarters of the year in which the violation(s) occurred.

* A "Clean Quarter" indicates that the Facility was on the Exceptions List during 2003 but is not currently on the Exceptions List because there was a three month period following the violation in which the violation was not repeated.

APPENDIX C

FACILITIES ON THE EXCEPTIONS LIST (EL) CALENDAR YEAR 2003

Facility	Parameter(s)	Status (EL)
Dover-Foxcroft Water District	Flow	1 st , 2 nd Quarter
Actions The Department relicensed this facility in April of 2003. Flow limits have been increased in the permit to better reflect the design criteria of this facility.		
Fort Kent	BOD % Removal	3 rd Quarter
Actions Decreased influent loadings due to potato processing facility stopped operations and the end of the season. This coupled with high effluent concentrations from the discharge of the lagoons with long detention times, caused them to experience problems with BOD % removal.		
Global Companies LLC	TSS	All Quarters
Actions Facility has continued to experience TSS problems despite completing construction and implementing all of the DEP's best management practices concerning erosion control.		
Great Eastern Mussel Farm	Suspended Solids	3 rd Quarter
Actions Department compliance and technical assistance staff performed an inspection and recommended some cleaning, sampling, and reinstallation of standpipes to help resolve the solids problem.		
Heritage Salmon, E. Machias	Ammonia	3 rd Quarter
	Phosphorus	3 rd Quarter
Actions Facility has installed some equipment in the past to help alleviate some of the problems that they have been having. The Department is currently in the process of evaluating the appropriateness of the current permit limits as part of larger project to evaluate the regulation of fish hatcheries.		

APPENDIX C

FACILITIES ON THE EXCEPTIONS LIST (EL) CALENDAR YEAR 2003

Facility	Parameter(s)	Status (EL)
Irving Oil Terminals	Total Suspended Solids	3 rd Quarter
	Actions Department has sent the facility a LOW directing them to submit a corrective action plan that outlines how they intend to resolve this solids issue.	
Machias	Flow	1 st Quarter
	Actions Facility has experienced flow violations throughout 2002 and early 2003. Facility has developed an Infiltration/Inflow plan to alleviate this problem. Department sent a Letter of Warning in January 2003 for past violations. Facility has changed operators and all indications are that plant performance is improving.	
Mount Desert, Northeast Harbor	% Removal TSS	1 st Quarter
	Actions This violation was the result of a high flow situation.	
NCTAMS Cutler	Total Suspended Solids	1 st , 2 nd , & 3 rd Quarter
	Actions These violations do not appear to be accurate. There is some indication that salt-water intrusion into the plant due to low flows is affecting the laboratory results. Visual inspection of the discharge indicates the effluent is clear. Operator has conducted split sampling, utilizing multiple laboratories, to check quality of lab results.	
Northport Village Corporation	Flow	2 nd Quarter
	Actions A consent agreement with Northport Village Corp. (NVC) was signed and approved by the Board of Environmental Protection. Department is now working with NVC to finalize their Phase I facilities plan.	

APPENDIX C

FACILITIES ON THE EXCEPTIONS LIST (EL) CALENDAR YEAR 2003

Facility	Parameter(s)	Status (EL)
Old Town Water District	Flow	1 st , 2 nd , 3 rd , & 4 th Quarter
	Actions This facility will be evaluated at time of relicensing to determine if their current flow limit is appropriate. It is scheduled for relicensing in 1 st quarter 2004.	
Old Town	% Removal BOD	3 rd & 4 th Quarter
	Actions Old Town has undertaken a major upgrade of their facility. Construction was started in mid 2002 and most all of the major items were complete at the end of 2003. Punch list items are currently being addressed.	
Portland Water District	Fecal Coliform 001A Fecal Coliform 001B	4 th Quarter 1 st , 2 nd , & 3 rd Quarter
	Actions This facility was referred to enforcement in April 2003. After meeting with PWD officials, DEP is revising the consent agreement language and penalty and has sent it to PWD for their review. Significant upgrades are currently underway at the facility.	
Squirrel Island Village Corporation	Total Residual Chlorine	3 rd Quarter
	Actions This facility was referred to enforcement in 2003. Currently DEP is waiting to hear from Squirrel Island Village Corporation's board of overseers with regard to a proposal to come into compliance. Consent agreement is undergoing internal review.	
Swans Island Salmon	BOD, & Ammonia	2 nd Quarter
	Actions The Department is currently evaluating the appropriateness of current permit limits as part of a larger project to evaluate the regulation of fish hatcheries.	

APPENDIX C

FACILITIES ON THE EXCEPTIONS LIST (EL) CALENDAR YEAR 2003

Facility	Parameter(s)	Status (EL)
Treasures of the Sea	Total Suspended Solids , Oil & Grease	2 nd Quarter
Actions Treatment unit not designed to remove oil & grease. Notified by inspector to either reduce production to comply with license limits, or request modification of license. License modified 12/03 to reflect higher production.		
Watts Fluidair	Copper	All Quarter
Actions All flows, except groundwater remediation water, have been removed from the surface discharge and connected to the city sewer. No copper in the groundwater discharge. Investigating if cross contamination is taking place at the surface sampling point. May need to relocate the sampling point if so.		
Yarmouth Sea Meadows	Flow	2 nd Quarter
Actions Inflow and infiltration causing flow violations. DEP sent a LOW to the facility. Satisfactory plan for inflow and infiltration removal submitted.		

APPENDIX D

FACILITIES IN SIGNIFICANT NON-COMPLIANCE (SNC) CALENDAR YEAR 2003

Facility	Parameter(s)	Status (SNC)*
Bath	Fecal Coliforms	4 th Quarter
Actions Bath has been experiencing some problems with their chemical feed pumping system coupled with some wet weather flow problems. The Department recently performed a technical assistance visit. Results are being tracked.		
Brunswick & Topsham	Total Suspended Solids	4 th Quarter
Actions New permit has a different sampling schedule and the TSS may be interference from the brine in the backwash at the water treatment facility. Inspector will split sample with facility staff to further investigate.		
Castine	Suspended Solids	2 nd Quarter
Actions High flows and a resulting poor settling sludge caused the suspended solids violations. Operator is being trained on how to operate plant during high flow situations by an engineering firm.		

* The Status column indicates the quarters of the year in which the violation(s) occurred.

* A "Clean Quarter" indicates that the Facility was in Significant Non Compliance during 2003 but is not currently in the Significant Non Compliance because there was a three month period following the violation in which the violation was not repeated.

APPENDIX D

FACILITIES IN SIGNIFICANT NON-COMPLIANCE (SNC) CALENDAR YEAR 2003

Facility	Parameter(s)	Status (SNC)
Engelhard	Oil & Grease	4 th Quarter
Actions DEP staff met with Engelhard staff in December to discuss license limits – specifically mercury and oil & grease. Engelhard has submitted revised spreadsheet with flow values for each process. DEP staff are currently reviewing this information to assess situation.		
Frenchville	Total Suspended Solids	3 rd Quarter
Actions Frenchville had problems with their aeration system. The Department asked them in a Compliance Initiative Letter, dated June 12, 2003, to hire engineering firm to evaluate the problems with the aeration system and come up with a comprehensive plan to solve problem so further non-compliance would not occur. Lagoons were down for repair of the aeration system when these TSS violations occurred (3rd quarter).		

APPENDIX D

FACILITIES IN SIGNIFICANT NON-COMPLIANCE (SNC) CALENDAR YEAR 2003

Facility	Parameter(s)	Status (SNC)
Green Lake National Fish Hatchery	BOD, TSS, Phosphorus	Continuing
Actions One Federal hatchery facility, Green Lake, has been on the Significant Non-Compliance list in 2003. The Department is currently working on reissuing a new license to this facility that will reflect the limits that they must achieve based on past performance coupled with best management practices pertaining to hatchery operations. The Department has had discussions with the federal government and it is their intention to make any necessary improvements. The new license will include a schedule for facility upgrades.		
Great Salt Bay, Damariscotta	BOD Total Suspended Solids	3 rd Quarter 4 th Quarter
Actions These violations were likely the result of the sludge removal operation that Great Salt Bay underwent in the fall of 2003.		
Heritage Salmon, Deblois	Ammonia Nitrogen Phosphorus	2 nd Quarter 3 rd Quarter
Actions Operations have ceased at this facility. Past violations are currently being investigated.		
Heritage Salmon, East Machias	Phosphorus	3 rd Quarter
Actions Operations have ceased at this facility. Past violations are being compiled for inclusion in a consent agreement for both Deblois facilities and the East Machias facilities.		

APPENDIX D

FACILITIES IN SIGNIFICANT NON-COMPLIANCE (SNC) CALENDAR YEAR 2003

Facility	Parameter(s)	Status (SNC)
Howland	Biological Oxygen Demand	2 nd Quarter
Actions Facility experienced a number of BOD violations in the first and second quarters of 2003. Facultative lagoon without any supplemental air. Inspector asked that they utilize one of their discharge pipes located at a higher elevation and decrease the discharge flow to try to correct these violations.		
Irving Oil Corporation	Total Suspended Solids	3 rd Quarter
Actions Facility experienced a few TSS violations. Some were attributed to some construction activity on site, while others were linked to heavy rainfall events. Facility has cleaned the oil water separator out in hopes that this would correct the effects of prior incidents.		
Islesboro	Flow	2 nd Quarter
Actions This facility experienced some flow violations due to some inflow and infiltration problems. Storms caused an excessive amount of rainfall to infiltrate the system. System was able to handle excess flows.		
Jasper Wyman & Son	BOD	1 st Quarter
Actions During canning operations it is not uncommon to have BOD concentration violations, but be in compliance with mass limits. Inspector has inquired about the possibility of a license modification at the time of renewal.		

APPENDIX D

FACILITIES IN SIGNIFICANT NON-COMPLIANCE (SNC) CALENDAR YEAR 2003

Facility	Parameter(s)	Status (SNC)
Lewiston Auburn WPCA	Fecal coliform	3 rd Quarter
Actions Department has been under a consent agreement with Lewiston Auburn for past violations. Part of consent agreement is for some major upgrade of certain aspects of the facility to take place. Had some problems with some of the disinfection pumping equipment during the third quarter.		
Milbridge	Flow	1 st Quarter
Actions Facility has struggled with flow problems. DEP has recommended that they consider reducing the inflow and infiltration to correct these flow problems.		
Mount Desert Island (Otter Creek Facility)	Total Residual Chlorine	3 rd Quarter
Actions Department has finalized a consent agreement with MDI concerning the Otter Creek facility. Otter Creek facility will be eliminated and the flow will be pumped to Seal Harbor facility.		
Mount Desert Island (Seal Harbor Village)	Total Residual Chlorine	3 rd Quarter
Actions This system is equipped with a tablet chlorinator system. They have had problems with this system 2 or 3 times in the late summer and early fall. Inspector will work with the town to investigate what could be done to improve the chlorination system.		

APPENDIX D

FACILITIES IN SIGNIFICANT NON-COMPLIANCE (SNC) CALENDAR YEAR 2003

Facility	Parameter(s)	Status (SNC)
NCTAMS – Cutler Naval Facility	Oil & Grease	4 th Quarter
Actions		
Very little if any activity at this site. Have had laboratory analysis inconsistencies before. Compliance staff checking with facility staff to find root cause of two oil & grease violations.		
North Haven	Total Residual Chlorine	2 nd Quarter
Actions		
Sodium Bisulfate line froze in the ground causing the total residual chlorine to fail their effluent standard a number of times in May.		
Presque Isle	E. coli	2 nd Quarter
Actions		
Presque Isle had a new device come on line that will treat the storm water surge that is experienced at the plant with primary treatment and then disinfect the flow and discharge. They experienced some problems with the auto starting chlorinating system which caused some e-coli exceedences.		
University of Maine Franklin Facility	Total Suspended Solids	3 rd Quarter
Actions		
This facility has had four TSS violations last year. The compliance officer will be investigating the cause and possible solutions for these violations with the facility operator.		

APPENDIX D

FACILITIES IN SIGNIFICANT NON-COMPLIANCE (SNC) CALENDAR YEAR 2003

Facility	Parameter(s)	Status (SNC)
Winter Harbor	Flow	1 st Quarter
Actions		
Flow violation due to inflow and infiltration. Engineering firm had been hired to develop I&I plan. Plan submitted to DEP and Winter Harbor has been working on I&I removal projects. These projects should correct the flow violations.		
WPS New England	Oil & Grease	4 th Quarter
Actions		
WPS has been investigating their facility looking for sources of oil & grease. In addition they have reported seeing an oil sheen on the river upstream of their facility. Their influent monitoring at one point showed a 1.9mg/L and their discharge limit is only 2.0 mg/L. DEP was notified of the sheen on the river and investigated.		